



POWERING LIVES WITH A COMMITMENT TO
SUPPLIER DIVERSITY

ComEd's Diverse Supply Chain Benefits the Illinois Economy

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SECTION I: PRESIDENT'S MESSAGE

At ComEd, we know that embracing diversity in all aspects of our business makes us a better, stronger, and smarter company. It is in our DNA – key to our culture and embedded in our business strategy.

In 2017, our diversity-certified supplier spend reached \$711 million. We achieved our goal of increasing diverse spend as a percentage of total supply chain spend from 33 to 36 percent; \$511 million, or 72 percent, of all diverse supply chain dollars was spent with Illinois-based diverse suppliers.

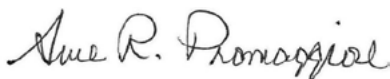
Since 2011, we've pumped almost \$12 billion of supply chain spend into the Illinois economy, including \$3.3 billion in Illinois diverse supply chain spend. That reflects nearly a four-fold increase in diverse spend over the last six years. The smart grid program, which began in 2012, accounts for more than half of these investments. The bulk of the grid modernization work was completed last year; we'll wrap up the installation of 4 million smart meters in 2018 with digital upgrades to substations to continue into 2021.

Creating opportunities for our diverse partners to demonstrate excellence and grow is one of the most gratifying aspects of our business. It is also one of the most impactful as our diverse partners have contributed greatly to our ability to deliver results for customers, including: a 50 percent improvement in reliability and 7.7 million avoided interruptions since 2012 that have resulted in \$1.5 billion in societal savings.

The transformation taking place in our business is creating extraordinary challenges and opportunities. We embrace this exciting future with confidence, knowing we work with diversity-certified suppliers who are enabling us to meet emerging customer needs and interests, and who share our commitment to Powering Lives across every community in our service territory.

Thank you!

Anne

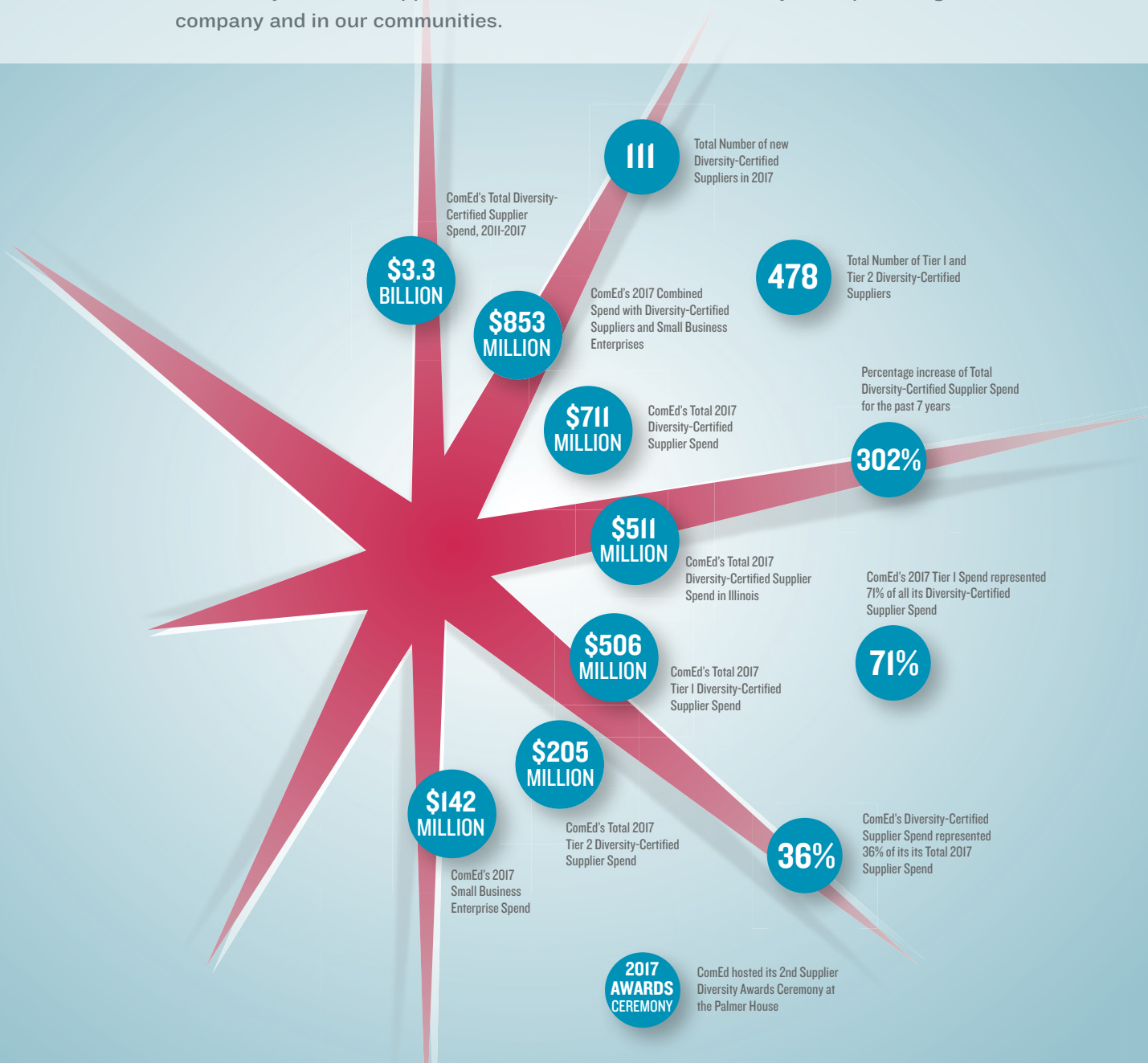


SECTION II: COMED DIVERSE SUPPLY CHAIN 2017 DASHBOARD



The purpose of this section is to highlight key metrics/annual results of the 2017 ComEd Diverse Business Empowerment Program in accordance with the Proposed Guidelines and Uniform Template for the Section 5-II7 Report.

The graphic below illustrates what ComEd's commitment to diversity-certified suppliers means to the Illinois economy and to the economic vitality of the communities in which we operate. This report demonstrates how the economic activity we generate benefits our employees, companies, cities, and towns throughout the state. Our continued commitment to diversity-certified supplier inclusion contributed to another year of positive growth in the company and in our communities.



SECTION III: TERMS AND DEFINITIONS



The purpose of this section is to define key terms utilized by the ComEd Diverse Business Empowerment Team including the definitions of “exclusion”, “professional services”, and “new diverse supplier”, in accordance with the Proposed Guidelines and Uniform Template for the Section 5-II7 Report.

ComEd defines diverse suppliers per the guidelines of the National Minority Supplier Development Council, the Women’s Business Enterprise National Council, and the U.S. Small Business Administration.

» MINORITY-OWNED BUSINESS

A for-profit enterprise, regardless of size, physically located in the United States, which is 51% owned, operated, and controlled by minority group members, defined by the following:

• ASIAN-INDIAN-OWNED BUSINESS ENTERPRISE

A U.S. citizen whose origins are from India, Pakistan, or Bangladesh

• ASIAN-PACIFIC-OWNED BUSINESS ENTERPRISE

A U.S. citizen whose origins are from Japan, China, Indonesia, Malaysia, Taiwan, Korea, Vietnam, Laos, Cambodia, the Philippines, Thailand, Samoa, Guam, the U.S. Trust Territories of the Pacific, or the Northern Marianas

• AFRICAN-AMERICAN-OWNED BUSINESS ENTERPRISE

A U.S. citizen having origins in any of the Black racial groups of Africa

• HISPANIC-OWNED BUSINESS ENTERPRISE

A U.S. citizen of Hispanic heritage, from any of the Spanish-speaking areas of the following regions: Mexico,

Central America, South America, or the Caribbean Basin

• NATIVE-AMERICAN-OWNED BUSINESS ENTERPRISE

A person who is an American Indian, Eskimo, Aleut, or Native Hawaiian, and is regarded as such by the community of which the person claims to be a part

» WOMAN-OWNED BUSINESS ENTERPRISE

An independent business concern that is at least 51% owned and controlled by one or more women who are U.S. citizens or Legal Resident Aliens; whose business formation and principal place of business are in the U.S. or its territories; and whose management and daily operation is

controlled by one or more of the women owners

» U.S. SMALL BUSINESS ADMINISTRATION

As defined by the Small Business Act, a small business concern is “one that is independently owned and operated, and which is not dominant in its field of operation

» SMALL BUSINESS

Depending on the industry, “small” is defined by either the number of employees or average annual receipts of a business concern. Website reference for size standards by NAICS code is www.sba.gov/services/contractingopportunities/sizestandardstopics/index.html





› VETERAN-OWNED BUSINESS

A business that is at least 51% owned, operated, and controlled by one or more veterans

› SUBCONTRACTOR

Any party or person (who is not an employee of the prime contractor) who enters into any agreement or arrangement with a prime contractor

› DIVERSITY-CERTIFIED SUPPLIER

Any legal entity that is: (i) organized to engage in commercial transactions; (ii) at least 51% owned and controlled by one or more individuals who are socially and economically disadvantaged; and (iii) managed by, and the daily business operations controlled by, one or more of the socially and economically disadvantaged individuals who own it

› PRIME CONTRACTOR/ SUPPLIER

Any party or person (who is not an employee of the utility) who enters into any agreement or arrangement with the utility for the furnishing of supplies or services for the use of real or personal property which, in whole or in part,

is necessary to the performance of any one or more contracts

› GOAL

A target which, when achieved, indicates progress in a preferred direction. A goal is neither a quota nor a set-aside

› LONG-TERM GOAL

A goal applicable to a period of five (5) years

› MID-TERM GOAL

A goal applicable to a period of three (3) years

› CONTROL

Exercising the power to make policy decisions (determined by the certifying entities)

› OPERATE

Being actively involved in the day-to-day management and not merely acting as officers or directors

› TIER 1

Prime contract spend with a diverse supplier

› TIER 2

Subcontracted spend by a non-diverse prime contractor with a diverse supplier

› PROFESSIONAL SERVICES/ HIGH-MARGIN STRATEGY

ComEd's professional services/"high-margin" strategy with diverse suppliers focused on eight categories of spending in the professional services areas. These categories are: advertising and marketing; business consulting; legal; banking; engineering and technical consulting; financial services; HR services; and IT professional services. The high-margin strategy was undertaken because these businesses typically have higher profit margins and, therefore, have an increased capacity to contribute to community economic development (jobs and community-based organization support)

› EXCLUSION

Any non-sourceable payment made for goods and services not included in total supply chain spend

› NEW DIVERSE SUPPLIER

Any diversity-certified supplier with zero Tier I spend in the previous calendar year

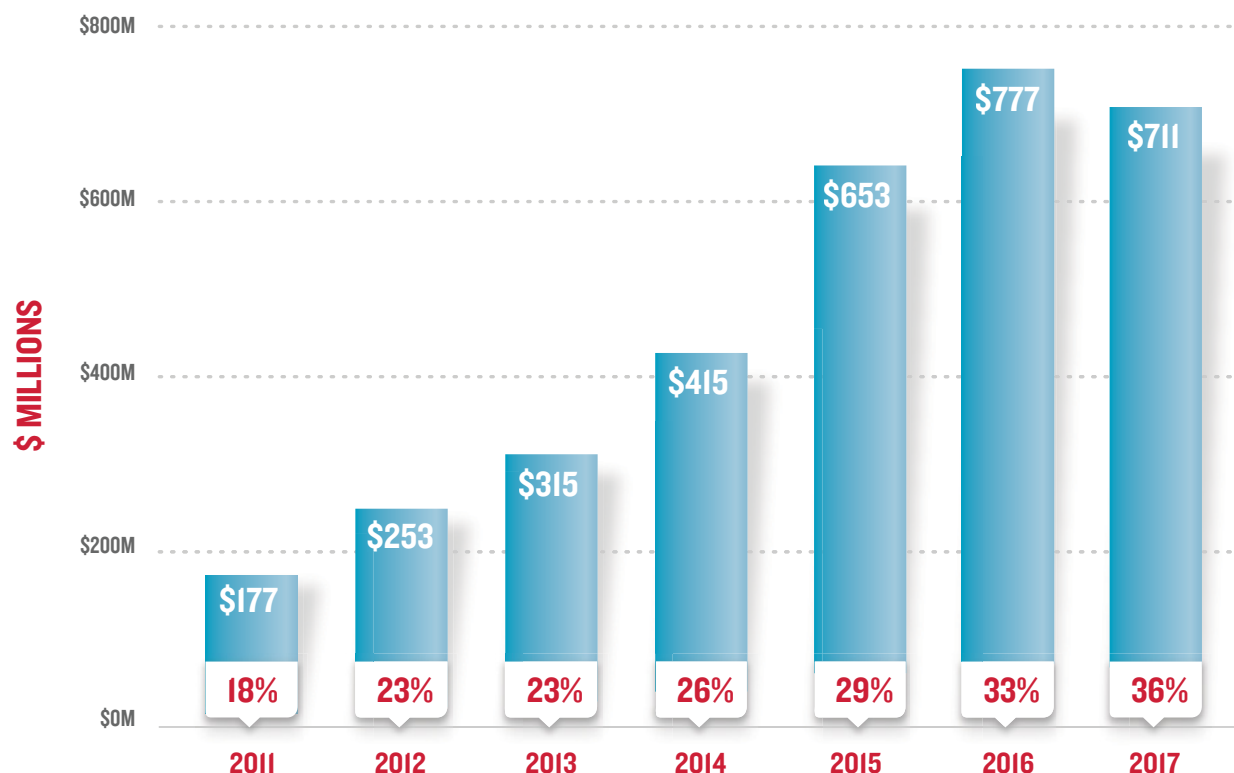


SECTION IV: COMED 2017 SUMMARY OF SPENDING/ACTIVITY



The purpose of this section is to supplement 2017 included data specifically highlighting spending activity in Professional Services, Large Capital Projects, and Energy Efficiency; the number of new diverse suppliers (highlighted in the ComEd dashboard, Section II); list/description of internal and external (company-sponsored and/or company-supported) outreach activities impacting diverse suppliers and communities in accordance with the Proposed Guidelines and Uniform Template for the Section 5-II7 Report.

MBE, WBE & VETERANS ComEd's Diversity-Certified Supplier Spend



Dollar figures in bar graph and throughout this report are in millions. Percentage figures above represent percentage of total ComEd spend for that year.

2017 was another successful year for ComEd's partnership with diversity-certified suppliers. ComEd spent \$711 million with these suppliers, representing an increase in diversity-certified spend from 33% of total supply chain expenditures in 2016 to 36% in 2017. This represents ComEd's commitment to grow both the amount of spend and the percent

of total spend diverse suppliers represent.

The graph above reviews ComEd's diverse supplier spend over the past seven years, reflecting an upward trajectory wholly consistent with ComEd's stated commitment. ComEd's 2017 expenditures represent a 303 percent growth — \$3.3 billion

— in annual diversity-certified supplier spend during the seven-year span from 2011-2017. In 2017, ComEd continued to increase its spend with minority-, women-, and veteran-owned businesses, and achieved a record percentage of total dollars expended with diversity-certified suppliers — 36 percent of our total spend.

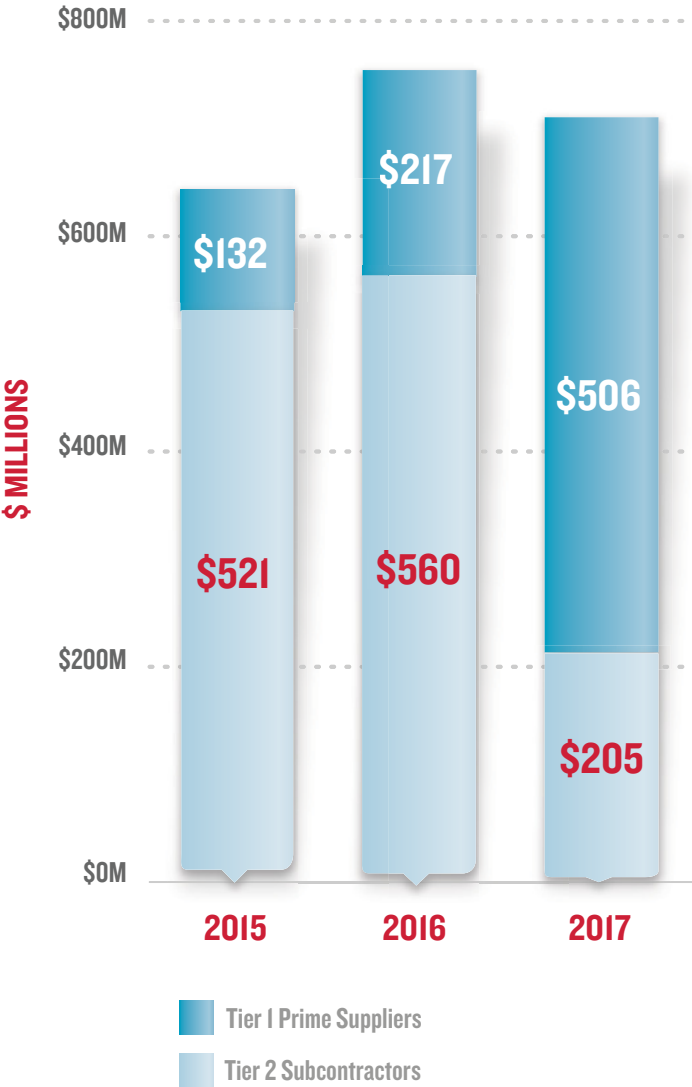
In 2017, ComEd set and achieved its goal of \$685 million in spending with diversity-certified suppliers, or 36 percent of our total supply chain spend. It was the most challenging spend goal in the company's history and ComEd achieved it. Diversity-certified supplier spend totaled \$711 million, or 36 percent of our total procurement base of \$2 billion in 2017.

The table to the right reflects ComEd's spend with MBE, WBE and veteran-owned suppliers over the past three years — segmented by Tier 1 prime suppliers and Tier 2 subcontractors.

ComEd prioritizes and partners with Illinois-based diversity-certified businesses. ComEd recognizes that growing local and diverse businesses contributes greatly to Illinois' economic growth. In 2017, ComEd spent \$511 million with Illinois-based diversity-certified suppliers, which represented more than 72 percent of total spend with diverse suppliers. Approximately 71 percent (or \$357 million) of ComEd's Tier 1 spend in 2017 was with Illinois-based diversity-certified suppliers.

MBE, WBE & VETERANS

ComEd's Diversity-Certified Supplier Spend



Diversity-certified spend as a percentage of total supply chain increased from 33% in 2016 to

36%
IN 2017

MBE, WBE & VETERANS

MBE, WBE & VBE Combined

| | ILLINOIS (\$MILLION) | PERCENT | NON-ILLINOIS (\$MILLION) | PERCENT | TOTAL (\$MILLION) |
|-------------|----------------------|---------|--------------------------|---------|-------------------|
| 2017 TIER 1 | \$357 | 71% | \$149 | 29% | \$506 |
| 2017 TIER 2 | \$154 | 75% | \$51 | 25% | \$205 |

MBE, VBE & WBE

Based on supplier remit to address

| CERTIFICATION | PRIME SUPPLIER (TIER 1) | | SUBCONTRACTOR* (TIER 2) | | PROJECTED GOAL \$ | PROJECTED GOAL % | ACTUAL TOTAL DOLLARS | |
|---------------|----------------------------|--------------|----------------------------|--------------|----------------------|---------------------|----------------------|--------------|
| | 2016 | 2017 | 2016 | 2017 | 2017 | 2017 | 2016 | 2017 |
| MBE | \$236 | \$237 | \$91 | \$88 | \$294 | 16% | \$336 | \$325 |
| WBE | \$310 | \$260 | \$97 | \$82 | \$370 | 19% | \$421 | \$342 |
| VBE | \$14 | \$9 | \$6 | \$8 | \$21 | 1% | \$20 | \$17 |
| TOTAL | \$560 | \$506 | \$216 | \$205 | \$685 | 36% | \$777 | \$711 |

*Total Diverse Spend includes Indirect Tier 2

| CERTIFICATION | PRIME SUPPLIERS | | SUBCONTRACTOR (TIER 2) | | PROJECTED GOAL \$ | PROJECTED GOAL % | ACTUAL TOTAL DOLLARS | |
|----------------------------------|-----------------|--------------|---------------------------|--------------|----------------------|---------------------|----------------------|--------------|
| | 2016 | 2017 | 2016 | 2017 | 2017 | 2017 | 2016 | 2017 |
| SBE | \$167 | \$137 | \$5 | \$5 | \$140 | 7% | \$172 | \$142 |
| TOTAL MBE/WBE/VBE/SBE | \$727 | \$643 | \$221 | \$210 | \$825 | 43% | \$949 | \$853 |

KEY HIGHLIGHTS DRIVING COMED DIVERSITY-CERTIFIED SUPPLIER SPEND IN 2017 INCLUDE:

- Percentage of ComEd's Energy Infrastructure Modernization Act total spend with diverse suppliers: ComEd spent approximately \$270 million with diversity-certified suppliers supporting the EIMA project in 2017; this represents 38% of the total EIMA project spend.
- ComEd's total MBE spend increased from 43% in 2016 to 46% in 2017
- ComEd's total spend with African-American-owned Tier I suppliers is \$61 million and total spend with Hispanic-American-owned Tier I suppliers is \$67 million.



ComEd's 2017 total
Minority-Owned-Business
Enterprise spend

\$325
MILLION



MINORITY-OWNED BUSINESS ENTERPRISE SPEND DETAILS BY ETHNIC GROUP

In 2017, ComEd spent a total of \$325 million with diversity-certified Minority-Owned-Business Enterprises (MBE). See tables below for additional details on ComEd's 2017 MBE spend by ethnic group.

AFRICAN-AMERICAN-OWNED TIER I DETAILS

| TOP SUPPLIERS | TOP SPEND CATEGORIES | SUMMARY |
|--------------------------------|----------------------------------|-----------------------------------|
| BURLING BUILDERS, INC | FACILITIES | \$61 MILLION IN TIER I SPEND |
| PMI ENERGY SOLUTIONS LLC | T&S CONSTRUCTION | 12% OF TOTAL DIVERSE TIER I SPEND |
| NASH BROS CONSTRUCTION CO, INC | DISTRIBUTION CONSTRUCTION | |
| TRICE CONSTRUCTION CO | ENGINEERING/TECHNICAL CONSULTING | |
| KDM ENGINEERING | FLEET | |

HISPANIC-AMERICAN-OWNED TIER I DETAILS

| TOP SUPPLIERS | TOP SPEND CATEGORIES | SUMMARY |
|-----------------------------------|---------------------------|-----------------------------------|
| THREE PHASE LINE CONSTRUCTION INC | DISTRIBUTION CONSTRUCTION | \$68 MILLION IN TIER I SPEND |
| PACO COMMUNICATIONS, INC. | ADVERTISING AND MARKETING | 13% OF TOTAL DIVERSE TIER I SPEND |
| MZI GROUP INC | METERS | \$7M YOY INCREASE FROM 2016 |
| REYES GROUP | FACILITIES | |
| DYNAMIC UTILITY SOLUTIONS LLC | ENVIRONMENTAL SERVICES | |

ASIAN-AMERICAN-OWNED TIER I DETAILS

| TOP SUPPLIERS | TOP SPEND CATEGORIES | SUMMARY |
|-------------------------------|----------------------------------|----------------------------------|
| ZONES CORPORATE SOLUTIONS | T&S MATERIALS | \$24M IN TIER I SPEND |
| QUALITECH ENGINEERING, LLC | ENGINEERING/TECHNICAL CONSULTING | 5% OF TOTAL DIVERSE TIER I SPEND |
| PENNSYLVANIA TRANSFORMER TECH | IT HARDWARE | |
| SOUTHERN STATES EQUIPMENT CO | FACILITIES | |
| ANDERSON & SHAH ROOFING INC | DISTRIBUTION TRANSFORMERS | |

NATIVE-AMERICAN-OWNED TIER I DETAILS

| TOP SUPPLIERS | TOP SPEND CATEGORIES | SUMMARY |
|------------------------------|----------------------------------|-----------------------------------|
| CHOCTAW KAUL DISTRIBUTION CO | ELEC DISTRIBUTION EQUIPMENT | \$84M IN TIER I SPEND |
| | MRO | 17% OF TOTAL DIVERSE TIER I SPEND |
| | T&S MATERIALS | |
| | CHEMICALS/FUELS/GASES/LUBRICANTS | |
| | FACILITIES | |

WOMEN-OWNED BUSINESS ENTERPRISE SPEND DETAILS

See table below for details on ComEd's WBE spend.

WOMEN-OWNED TIER I DETAILS

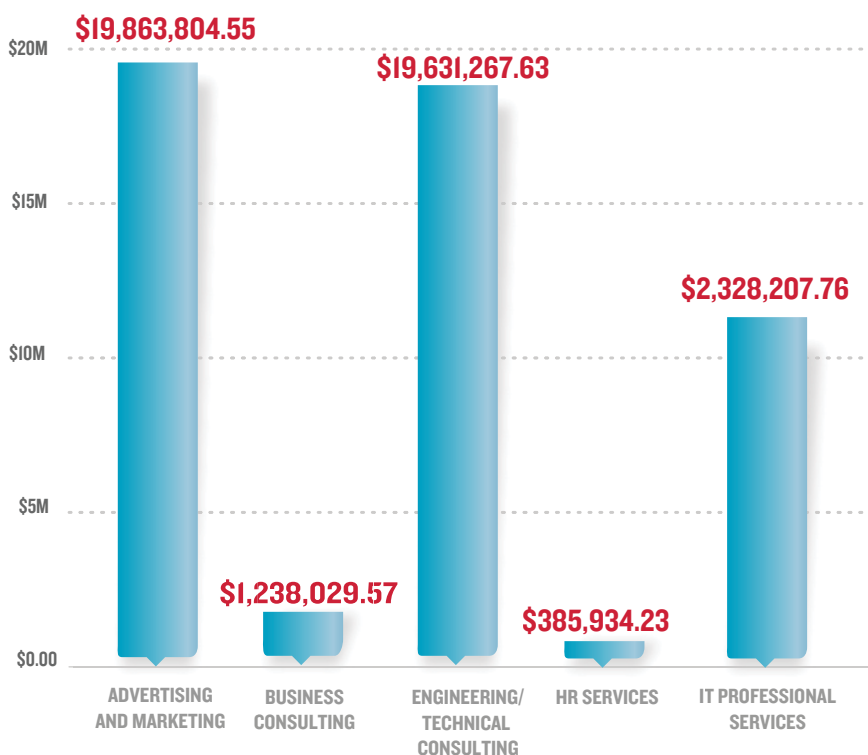
| TOP SUPPLIERS | TOP SPEND CATEGORIES | SUMMARY |
|---------------------|----------------------------------|-----------------------------------|
| INTREN, INC. | DISTRIBUTION CONSTRUCTION | \$260M IN TIER I SPEND |
| PRIMERA ENGINEERING | T&S CONSTRUCTION | 51% OF TOTAL DIVERSE TIER I SPEND |
| POWERCON CORP. | FACILITIES | |
| MACMUNNIS, INC. | T&S MATERIALS | |
| | ENGINEERING/TECHNICAL CONSULTING | |

COMED'S PROFESSIONAL SERVICES/ HIGH-MARGIN STRATEGY

In 2017, ComEd's Tier I spend with diversity-certified professional services suppliers exceeded \$42 million, representing 8 percent of the total Tier I spend and a year-over-year increase of 1 percent.

During 2017, ComEd extended credit lines totaling \$34 million to 15 minority- and community-owned banks in communities ComEd serves. More than half of these banks were based in Illinois and include Urban Partnership Bank and Illinois Bank & Trust Company. ComEd also spent \$901,000 with diversity-certified law firms.

COMED'S PROFESSIONAL SERVICES/ HIGH-MARGIN STRATEGY



COMED'S LEGAL MENTORSHIP PROGRAM WITH DIVERSITY-CERTIFIED LAW FIRMS

A new program launched last year by ComEd is deepening expertise and helping to create opportunities for minority-owned law firms doing regulatory work on behalf of ComEd before the Illinois Commerce Commission (ICC).

"Our goal is to educate and develop regulatory attorneys of color at MBE-certified law firms, who will create a pipeline for other attorneys of color to join their firm and grow in their capacity to work with other stakeholders in our industry," said ComEd Senior Vice President and General Counsel Veronica Gomez. "Participating firms are already realizing new

opportunities from the program and we look forward to expanding it."

Minority-certified law firms participating in the program include Tristan & Cervantes and Johnson, Blumberg, & Associates. Both firms are being mentored and work alongside of ComEd's regulatory law firm, Rooney, Rippie & Ratnaswamy.

"ComEd is taking a novel approach to investing in and cultivating minority talent in a niche area of the law," said Homero Tristan, founding partner, Tristan & Cervantes, which is working with ComEd in support of the Illinois Commerce



Homero Tristan, founding partner, Tristan & Cervantes

Commission's Next Grid initiative. "That there are relatively few minority attorneys practicing regulatory law reflects limited training and exposure to the field. This learning opportunity provided by ComEd is creating positive outcomes that will ultimately benefit the entire community."

ComEd's Minority Regulatory Law Firm Partnership Initiative includes a training curriculum taught by ComEd attorneys, outside counsel and other experts. Topics include Ratemaking, Rate Design, Reconciliations, Cost Recovery, ICC policies and procedures; as well as major Illinois energy legislation, such as the Energy Infrastructure

Modernization Act (EIMA) or Smart Grid Law and the Future Energy Jobs Act (FEJA). More than 10 classes have been offered so far.

"Working with and learning from ComEd has been seamless and enriching," said Ken Johnson, managing partner, Johnson, Blumberg & Associates, a key supporter of ComEd's microgrid demonstration project in Bronzeville, which the ICC approved in February. "This program is helping us increase our depth of expertise at a tremendously exciting time in the utility and energy space."



Ken Johnson, managing partner, Johnson, Blumberg & Associates

“Our goal is to educate and develop regulatory attorneys of color at MBE-certified law firms who will create a pipeline for other attorneys of color to join their firm and grow in their capacity to work with other stakeholders in our industry.”

—ComEd Senior Vice President and General Counsel Veronica Gomez

FUTURE ENERGY JOBS ACT WORKFORCE TRAINING PROGRAM

While strengthening and expanding funding for the Renewable Portfolio Standard — up to \$220 million per year for wind and solar development — the Future Energy Jobs Act (FEJA) also places great emphasis on workforce development and training programs across Illinois to meet the anticipated growing demand for solar and energy efficiency jobs.

There are three different types of training funded by FEJA — a solar training pipeline program, a craft apprenticeship program, and a multicultural jobs program. A total of \$30 million will be disbursed in three increments of \$10 million each — the

first installment was made last year, and future payments will be made in 2021 and 2025.

The Solar Pipeline Training Program recipients include Illinois Central College, Elevate Energy, OAK, Inc., and Safer Foundation. The Chicago Community Trust served as ComEd's facilitator for managing the RFP process and selecting the organizations to receive funding. A total of \$3 million in funding was disbursed to train underserved populations, those with a past criminal record, current and former foster children, and residents of environmental justice communities that are working to secure equitable

environmental protection standards to ensure clean and healthy environments.

A program supporting craft apprenticeships also received \$3 million. It will be used to offer hands-on learning and certifications through accredited craft apprenticeships that develop critical trade skills. This training will largely be administered through IBEW Local 134, as they add solar-specific training to their accredited training curriculum.

The Multicultural Jobs Program has been allocated \$4 million to support multicultural training by non-profit and community

organizations that offer job training for individuals from diverse and/or underserved backgrounds. This program is designated to fund solar training or programs outside of solar installation. Funding recipients include the Chicago Urban League, a civil rights and human services not-for-profit organization; National Latino Education Institute, which offers training programs approved by the Illinois State Board of Education; ASPIRA, which develops the educational and leadership capacity of minority youth; HACIA, which works to provide equal access to opportunities in the construction industry; Chatham Business Association, which provides utility industry training programs; and APAC, whose services include job and career education.



While ComEd doesn't directly control hiring outcomes, as these jobs exist largely within independent organizations, it is working with community partners, solar installers, and others to establish a system that is focused on connecting trainees to employment opportunities and

tracking progress of all workforce development programs. As this workforce is trained in the solar and energy efficiency industry, we see the drive of entrepreneurship give rise to an increase in diversity-certified businesses that will serve and partner with ComEd in the future.

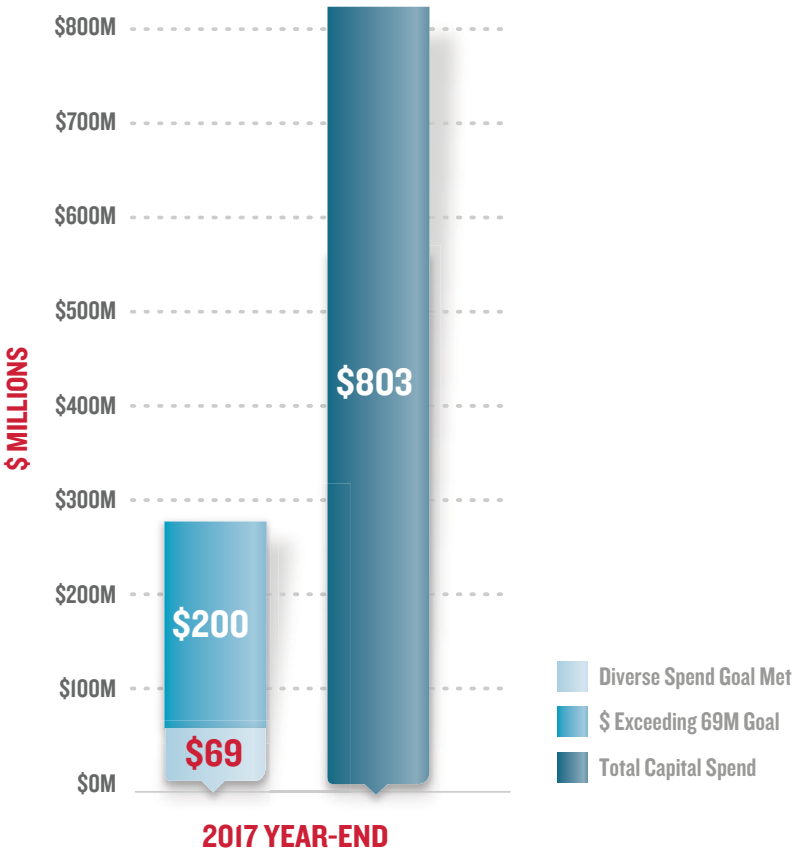
LARGE CAPITAL PROJECTS

Smart Grid Program Delivers on Promises

The Energy Infrastructure Modernization Act (EIMA) authorized ComEd to invest \$2.6 billion to strengthen and modernize the grid, improve reliability and customer service, create jobs and opportunities for diverse suppliers, and help drive the economy. As we near completion of the program, we're proud to see the Smart Grid program continuing to deliver on these promises.

From 2012 through 2017, there were more than 7.7 million avoided customer interruptions, including 1.5 million in 2017 due to investments in distribution automation or digital "smart switches" that automatically reroute power around potential problem areas. These 7.7 million avoided outages resulted in \$1.5 billion in societal savings and contributed to a 50 percent improvement in reliability.

EIMA TOTAL CAPITAL SPEND



We've reduced the frequency of outages by 46 percent and the average duration of outages by 47 percent since 2012. And we've received Best in Class distinction for reliability performance.

The 2017 year-end SAIFI, or frequency of outages, came in at 0.56 — the best on record and the first time it has come in below 0.60. The 2017 year-end CAIDI, or duration of outages of 81 minutes, is also the best on record.

Boosting the area economy has also been a key goal of the smart grid program, requiring ComEd to create at least 2,000 full-time equivalent (FTE) positions during the peak program year. ComEd doubled the number of positions required, supporting 4,572 FTEs, including direct jobs at ComEd, its contractors and suppliers, and induced positions

representing a broad range of functions required to build a 21st century electric grid.

EIMA performance metrics called on Illinois utilities to increase spending with diverse suppliers by at least 15 percent over 10 years. Since 2012, ComEd has exceeded that goal with a total supply chain

spend in Illinois under EIMA of \$4 billion, including \$1.6 billion total diverse supply chain spend. Since 2012, ComEd's diverse spend has increased by 302 percent, creating opportunities for minority-, women-, and veteran-owned businesses.



ENERGY EFFICIENCY

In 2017, ComEd's Energy Efficiency group spent approximately \$14 million with diversity-certified suppliers, or 13 percent in the Energy Efficiency category, which excludes Energy Efficiency Education and customer incentives/rebates. The removal of customer incentives/rebates establishes a new baseline for this category of diverse spend.

In an effort to increase overall diverse spend:

- In 2017, ComEd / EDBE Team hosted a Tier 2 Institute on Energy Efficiency, which is a day-long, developmental workshop for diverse and non-diverse primes in the Energy Efficiency Category.

- In 2017, ComEd/ Exelon Supply continued to focus on diversifying our supply chain spend in Energy Efficiency. One example is the awarding of a contract to a Tier 1 diversity-certified supplier for the implementation of the Weatherization Multi-Family Income Eligible Retrofit Program.
 - In addition, the other 7 non-diverse award winners have committed to increasing spend with Tier 2 diversity-certified suppliers, creating opportunities that we hope to realize in 2018 and beyond.



COMED INTERNAL AND EXTERNAL OUTREACH AND COMMUNITY ACTIVITIES

The following list of community outreach activities offers a representative look at the types of meetings and other events sponsored, chaired, or attended by ComEd representatives during 2017 to further our goal of promoting minority- and women-owned businesses, and engagement, in the communities we serve:

- February/September 2017 – Hosted ComEd’s Solar Spotlight seminars during [Black History Month](#) and [Hispanic Heritage Month](#).^{*} Provided high school students with the opportunity to learn about non-traditional STEM careers.
- March 2017 – Presented “How to do business with ComEd/ Exelon” at the Chicago Westside Organization of Ministers.



- April 2017 – Sponsored and conducted a technical assistance workshop at the Chicago Minority Business Development Council’s Annual Chicago Business Opportunity Fair.
- April 2017 – Hosted the 2nd Annual ComEd Diversity Supplier Award Ceremony,

which is designed to highlight and celebrate achievements of diverse suppliers within the ComEd Supply Chain.

- May 2017 – Hosted the 4th annual Multicultural Media Roundtable. The program shares insight into ComEd technology initiatives and customer programs while providing an opportunity for members of the multicultural media community to have a dialog with ComEd leadership.
- June 2017 – Facilitated workshops at the Illinois Utilities Business Diversity Council’s Prime Partner Institute.
- July 2017 – Began our sixth year of the Youth Ambassador partnership with After School Matters, where IIO students, aged 14-18, attended local community events and taught others about energy efficiency.



^{*}Click on other web links throughout the report to view videos.



from ComEd, Silver Spring Networks, Accenture, AECOM, Burns & McDonnell, Sargent & Lundy, and other companies to develop smart sensor-based technology solutions that have the potential to enhance everyday life. Projects will be evaluated based on their potential for delivering community benefits related to health, safety, sustainability, connectedness, mobility, efficiency, and education.

- July 2017 – Sponsored and participated in the African American Contractors Association's 15th Annual African American Contractors Day.
- August 2017 – Hosted the 4th annual [Icebox Derby](#), where 30 young women from across the Chicagoland area worked together with ComEd mentors to transform old refrigerators from ComEd's recycling program into solar-powered, electric race cars.
- August 2017 – Hosted the sixth-year anniversary celebration of our Energy Force program at Misericordia. More than 25 ambassadors serve on Energy Force, a one-of-a-kind energy efficiency ambassador program designed for, and taught by, individuals with developmental disabilities.
- August 2017 – Hosted ComEd Tier 2 Institute focused on Energy Efficiency and IT Professional Services.
- August 2017 – Participated and sponsored the Illinois Hispanic Chamber of Commerce's Annual Hispanic Business Expo.
- September 2017 – Hosted several Chicago Public Schools for a ComEd Career Opportunities Information Session and a tour of the Chicago Training Center in Bridgeport.
- September 2017 – Participated and sponsored the Women's Business Development Center's Signature Procurement Event "Pitch Connections."
- October 2017 – Attended and sponsored the National Minority Supplier Diversity Council Conference in Detroit, Michigan.
- November 2017 – Facilitated workshops at the Illinois Utilities Business Diversity Council's Prime Partner Institute.
- December 2017 – ComEd launched its first-ever Ideathon as part of the [Community of the Future in Bronzeville](#), where the utility is collaborating with residents to explore how to leverage smart grid technology. The Ideathon is open to all high school students in Bronzeville. Participants are partnering with college mentors and engineers
- December 2017 – Community of the Future technology pilot projects include an electric vehicle transportation service for seniors; the microgrid demonstration project approved by the Illinois Commerce Commission in February; off-grid wind and solar LED streetlights from Aris Renewable Energy; sensor-based technology; a community energy storage pilot; and life-sized interactive kiosks that provide real-time information, emergency alerts, wayfinding, and public wi-fi.





ComEd's Office of Diverse Business Empowerment (CDBE) and ComEd's Diversity Council maintain and consistently report on diversity-certified supplier activities and accomplishments to internal and external stakeholders. ComEd's methodology helps to sustain viable and prosperous women-, minority- and veteran-owned enterprises by providing them with significant and measurable opportunities to participate in and compete for contracts and subcontracts. ComEd deploys a competitive bidding process and encourages prime contractors to support diverse Tier 2 suppliers.

POLICIES AND METHODOLOGY PURPOSES

- a) Encourage greater economic opportunity for women, minority, and veteran business enterprises (W/M/VBE) business enterprises.
- c) Examine, clarify, and expand ComEd's diversity-certified supplier programs for procurement of products and services from diverse enterprises.

- b) Promote competition among suppliers to enhance economic efficiency in the procurement of ComEd contracts.
- ComEd has a specific sourcing procedure governing supplier diversity, which is part of the Company Management Model.

This procedure provides sourcing professionals with the Diverse Business Empowerment mission, vision, and goals; identifies the roles of sourcing and Diverse Business Empowerment professionals; and illustrates the key processes necessary to make the Diverse Business Empowerment program successful.

CONTRACT COMPLIANCE AUDIT ACTIVITY

ComEd's Supplier Code of Conduct sets forth our expectations and minimum standards for all suppliers and subcontractors. We require suppliers to conduct audits and inspections to verify various aspects of performance, ranging through safety, code compliance, and Tier 2 diversity compliance. We require prior approval of all agents, employees, and subcontractors that are granted access to ComEd facilities.

In addition, ComEd performs monthly Key Performance Indicator Meetings with prime vendors and

maintains a system of spot audits for contract compliance. These spot audits serve to ensure that the invoices submitted by our suppliers align with contractual arrangements. Any deviations from the contract may impact profitability and operational effectiveness. Contract compliance audits also provide a unique opportunity to assess supplier data for insights and intelligence that can quickly add up to substantial margin enhancements.

In summary, ComEd maintains ambitious diversity-certified supplier

goals and a rigorous inclusion process. The ComEd diversity-certified supplier program is rooted in the understanding that diversity provides our business with a significant competitive advantage, in terms of enriching our communities and the businesses we seek to serve.

EXCLUSIONS AND CALCULATIONS

Payments made for the goods and services listed below are non-sourcable and considered “Exclusions” and, therefore, are not included in any of the calculations made in this report.

- Employee expenses (salary, benefits, expense reimbursements, performance awards, petty cash, etc.)
- Parent, associated and/or subsidiary companies (charges for services rendered to the parent, e.g., accounting, engineering, tax, advertising costs, etc.)
- Government agencies (taxes, street opening fees, license fees, etc.)
- Energy rebates/incentives or non-sourcable payment made for goods and services not included in total supply chain spend
- Fines
- Utility services (gas, electric, water, and telephone)
- Purchases from foreign-owned companies outside of the U.S. that do not add value to a product once shipped to the United States or manufacture a product in the U.S.
- Charities and philanthropic contributions
- U. S. Post Office
- Power or commodity purchases (gas and/or electricity for resale or nuclear fuels)
- Legal claims

SECTION VI: COMED SUPPLIER DIVERSITY GOALS



The purpose of this section is to address the ComEd Diverse Business Empowerment’s plan to increase participation in 2018, highlighting short-, mid-, and long-term goals; plans to engage and encourage potential diversity-certified suppliers in accordance with the Proposed Guidelines and Uniform Template for the Section 5-II7 Annual Report.

COMED’S SHORT-, MID- AND LONG-TERM GOALS

The goal of ComEd’s supplier diversity process is to ensure that diversity-certified suppliers are included in the ComEd procurement process. We seek to:

- Identify diversity-certified suppliers that offer high-quality, cost-competitive goods and services and match them with the needs of the company.
- Ensure that all qualified diverse suppliers have an opportunity to compete for ComEd business.
- Sustain supplier-diversity momentum.
- Become a recognized industry leader in diverse-supplier inclusion as a natural part of our business culture.



2018 PLAN FOR INCREASING GOALS AND PARTICIPATION

In 2017, ComEd started the planning process for implementing the ComEd EDBE Strategic Initiative Plan, which is a strategic framework across multiple work streams to drive increased diverse supplier inclusion. Elements of this plan are outlined below.

a) Plan to increase goals:

- Increase diversity-certified supplier expenditures to **38 percent of total procurement**, or \$760 million.
- Identify High-Impact Commitments that can be made in Future Energy Job Act (FEJA) related spend categories, where potential diversity-certified suppliers can be developed.
- Work within the Exelon/ComEd Sourcing Process to identify and address contract opportunities.
- ComEd senior leadership to prioritize development opportunities for new diversity-certified suppliers, especially in historically underrepresented categories.
- Continue encouraging and assisting non-diverse prime suppliers with developing subcontracting plans to increase the utilization of diverse suppliers.
- Development of a balanced portfolio.



b) Plan to increase participation:

- Continue enhancing diversity-certified supplier development initiatives.
 - Conduct a 2018 ComEd Tier 2 Institute to promote utilization of diversity-certified subcontractors within the ComEd prime contractor community.
 - Launch the next evolution of diverse supplier development programs, Enterprise All In.
 - Identify opportunities to broaden the diversity-certified supplier pool during Illinois Utilities Business Development Council activities.
- Continue to improve internal reporting for better tracking of diverse spend and opportunity.
- Continue to benchmark best practices among industry-leading supplier-diversity programs.
- Continue outreach efforts and collaborate with local and national advocacy organizations to expand the utilization of diverse suppliers.
- Attend service-disabled veteran events and build relationships to identify potential suppliers.
- Enhance communications and interactions with ComEd external stakeholders.
 - Ensure awareness of supplier-diversity milestones among stakeholders, especially promoting efforts related to diverse-supplier development and recognition.



Rendering above of ComEd's new Chicago North facility to be constructed on Chicago's northwest side, replacing the facility that opened at the corner of California and Addison streets in 1930. The Chicago North project will engage diversity-certified suppliers from the Chicago area to perform at least 50 percent of the design, engineering, and construction.

with local and national diverse-supplier advocacy organizations.

- Continue to host and attend workshops with prime and diverse suppliers to grow ComEd's contract inclusion opportunities.

d) Plan to increase visibility

- Highlight involvement and activities related to the Illinois Utility Business Diversity Council.
- Enhance communication strategy around supplier diversity program efforts.

2018 goal:
Increase diversity-
certified supplier
expenditures to

38%
TOTAL
PROCUREMENT

- Work with ComEd Diversity & Inclusion Council and Corporate Communications to access and enhance the supplier-diversity communications plan that aligns with the goals and objectives of the entire organization.

c) Plan to alert and encourage potential vendors:

- Continue to implement a comprehensive marketing, training, and communications plan that promotes alliances

PLANS FOR IDENTIFYING AND DEVELOPING DIVERSITY-CERTIFIED SUPPLIERS LOW UTILIZATION CATEGORIES

To increase diversity-supplier opportunities in underutilized categories in 2018, ComEd plans to:

- a) Leverage ComEd's position as chair of Chicago United.
- b) Leverage ComEd's position as a board member of the Chicago Minority Supplier Development Council, to promote diversity-certified supplier inclusion best practices.
- c) Target high-potential diverse suppliers for opportunities in

low utilization categories, such as Energy Efficiency and IT Professional Services.

- d) Conduct meetings with top prime suppliers to increase their subcontracting performance.
- e) Invite sourcing and key decision-makers to networking workshops with diversity-certified suppliers.
- f) Encourage emerging regional diverse suppliers to obtain certification through recognized third-party organizations.

- g) Continue to provide monthly diverse-supplier data reports to executive leadership.

- h) Attend outreach events and build relationships with diverse suppliers.
- i) Maximize involvement with the IUBDC.
- j) Continue to work with national and regional advocacy organizations to identify qualified diversity-certified suppliers.

ILLINOIS UTILITIES BUSINESS DIVERSITY COUNCIL (IUBDC)

Going into its third operational year, the Illinois Utilities Business Diversity Council (IUBDC) is maturing into an effective organization to drive and increase supplier diversity across its five member utilities. As part of its strategy plan and overall mission, in June 2017, the IUBDC assembled the leaders of 75 prime contractor companies for the first-ever **Prime Partner Institute**. IUBDC representatives from Ameren Illinois, ComEd, Illinois American Water, Nicor Gas, Peoples Gas, and North Shore Gas met with the participants to discuss ways to accelerate use of the Tier 2 contractors, increase diversity in state contracts, and promote balanced economic and community growth. The event focused on four key topics:

- Types of certified vendors
- Identifying qualified Tier 2 contractors
- Product and services needs
- How IUBDC can help

Also, in November 2017, the IUBDC hosted a follow-up event, Prime Partner Institute II at People's Gas in Chicago, Illinois. Representatives from the participating utilities were present along with key external stakeholder organizations. The objectives were continued education, communication, and collaboration to enhance Diversity and Inclusion. Key topics included:

- Identifying the progress Prime Partners have made with their Supplier Diversity programs since the June 7 event.



- Educate and discuss best practices surrounding Supplier Diversity programs
- Connect Prime Partners with External Stakeholders to develop/strengthen relationships.

Visit IUBDC at <http://iubdc.com/>

SECTION VII: AREAS OF PROCUREMENT FOR THE NEXT CALENDAR YEAR



ComEd seeks to improve the availability of competitive goods and services to its operations. We provide equitable opportunities for diverse suppliers through active, competitive procurement of materials, equipment, and services. Listed below are some of the materials and services we purchase:

MATERIALS & SERVICES:

- Building and Construction Materials
- Advertising and Marketing
- Chemicals, Fuels, and Gases
- Construction and Maintenance
- Distribution Transformers Consulting
- Electrical Distribution Equipment
- Customer Service
- Fleet and Rental Equipment
- Electric Construction and Maintenance
- Meters
- Engineering Services

OPERATIONS/INDUSTRIAL:

- Supplies Maintenance
- Repair Office Furniture
- Environmental Services
- Pipe, Valves, and Fittings
- Facilities Services
- Transmission and Substation Materials
- Human Resources
- Wire and Cable Information Technology
- Investment Services
- Legal Counsel

SECTION VIII: CHALLENGES AND OPPORTUNITIES

The utility industry's safety standards and start-up capital requirements often create challenges for smaller and start-up firms, a category into which many diversity-certified firms fall. In addition, there are a limited number of diversity-certified firms that meet the criteria to work in the electric transmission business. Understanding the challenge, ComEd works to overcome these hurdles by creating plans for identifying and developing diversity-certified suppliers, particularly those in the low utilization categories.

[The Will Group \(TWG\)](#), a Chicago-based lighting technology and testing company, is a good example. It started introducing smart lighting fixtures to the City of Chicago in the early 2000s and has been engaged in numerous projects focused on emerging technologies that use wireless communications and advanced lighting and control systems. Learn more about TWG's success and the positive impact it strives to make on the community by offering a second chance to individuals who face unique challenges reentering the workforce.



SECTION IX: CERTIFICATIONS ACCEPTED



To participate in ComEd's Supplier Diversity Program, suppliers must be certified. While ComEd does not certify diversity-certified suppliers, the company recognizes certifications from national, state, and local organizations. ComEd, however, does not accept self-certification. If registering as a minority-, woman- or service-disabled, veteran-owned business, you must provide certification documentation through a third-party certification organization or office recognized by ComEd. These are:

- National Minority Supplier Development Council (NMSDC)
- Women's Business Enterprise National Council (WBENC)
- Associations for Service Veterans
- Federal, state, and local government offices
- Public utility commissions
- National Gay & Lesbian Chamber of Commerce (NGLCC)

Suppliers who are already third-party certified as a minority-, woman-, veteran- or service-disabled business can register immediately.

Disclaimer: Supplier database registration does not guarantee business opportunities and does not result in an "approved" supplier status.

NATIONAL ADVOCACY ORGANIZATIONS

- Rainbow PUSH Trade Bureau (Illinois)
- The National Minority Supplier Development Council (and regional affiliates)
- The Women's Business Enterprise National Council (and regional affiliates)

- American Association of Blacks in Energy Entrepreneurship Committee
- National Association of Minority and Women Owned Law Firms
- National Association of Women Business Owners
- Human Rights Campaign
- The Congressional Black Caucus (Washington, D.C.)
- The Elite Service-Disabled Veteran-Owned Business (SDVOB) Network

REGIONAL ADVOCACY ORGANIZATIONS

- Illinois Hispanic Chamber of Commerce
- Hispanic American Construction Industry Association
- The Chicago Women's Business Development Center
- Chicago United (The Five Forward Program)
- U.S. Pan Asian American Chamber of Commerce (Midwest Region)

ComEd supplier-diversity personnel and other employees actively participate in certification committees, business expos, matchmakers, and many other activities in the State of Illinois.

Conferences and trade shows hosted and/or attended include:

- ComEd's Grid Resiliency Supplier Summit
- ComEd's Small Business Institute at Prairie State College
- Federation of Women Contractors Small Business Forum
- Chicago Minority Supplier Development Council Business Expo
- Illinois Hispanic Chamber of Commerce Business Expo
- National Minority Supplier Development Annual Trade Show
- Women Business Development Center Expo

- Heart of Illinois Business to Business Symposium
- Chicago MSDC Business Opportunity Fair
- Illinois Black Chamber Expo
- Annual Illinois Legislative Latino Caucus Foundation Conference
- Illinois Utilities Business Diversity Council
- Congressional Black Caucus Annual Legislative Conference
- Rainbow PUSH Annual Wall Street Week and Annual Convention
- National Association of Regulatory Utility Commissioners Annual Meeting

SECTION X: POINTS OF CONTACT



For additional information on how to get involved in ComEd's Supplier Diversity Program, please contact ComEd's Diverse Business Empowerment Office at (312) 394-2622, email us at supplier.diversity@exeloncorp.com, or visit our website at www.exeloncorp.com, and click on the "Suppliers" link on the home page. In addition, you may contact the following individuals:

EXECUTIVE SPONSOR:

Fidel Marquez

**ComEd
Senior Vice President,
Legislative and External Affairs
and Chief Governmental
and Community Relations Officer**

440 S. LaSalle
Suite 3300
Chicago, Illinois 60604

POINT OF CONTACT:

Martín Montes

**ComEd
Director, Regulatory Affairs**

440 S. LaSalle
Suite 3300
Chicago, Illinois 60604

POINT OF CONTACT:

Emmett Vaughn

**Exelon Corporation
Director, Diverse Business
Empowerment**

Chase Tower 10 S. Dearborn,
53rd Fl
Chicago, Illinois 60603

THE REYES GROUP LTD. MARKHAM, ILLINOIS

Doing What You Love and Delivering on Promises Drives Success at Reyes Group



Marcos Reyes, President, Reyes Group Ltd.

Marcos Reyes was only seven when he moved with his family from Mexico to Chicago. Seeing the city for the first time as the Amtrak train rolled into Union Station left a powerful and lasting impression.

“Coming from a small farming community in Mexico of about 350 people and arriving at Union Station on a hot July night and seeing the Chicago skyline, completely changed me,” recalls Marcos, president and CEO of the [Reyes Group](#). “I told myself that one day a little piece of this will be mine. I knew early on that I was destined to be a builder. I was fascinated with structures since I can remember.”

Marcos knew that education was the key and his parents placed a high priority on good grades. He was a disciplined student from the beginning, enjoyed the learning process, and graduated with a degree in civil engineering from the University of Illinois at Urbana-Champaign. After five years in the field, he started the Reyes Group.

“I started out with one five-man crew and right now we have the ability to have nine or ten crews,” said Reyes. His company specializes in structural concrete, underground utilities, and civil electrical work.

The company celebrated its 25th anniversary last summer.

Reyes Group started working with ComEd approximately ten years ago as a subcontractor. Soon the company had opportunities to serve ComEd as a general contractor, always delivering on promises, says Marcos. “Our value proposition has always been to do what you say you’ll do, on time and on budget. And when you do that, one good job generally leads to another.”

Last year, The Reyes Group was awarded its largest ComEd project to date, serving as general contractor for the first phase of the new Chicago North office complex that will replace the ComEd facility that opened at California and Addison streets in 1930.

Building the underground storm water containment and storage system for a six-acre outdoor supply yard was the first priority, which Reyes completed in December.

The complex will include a 100,000-square-foot office and a 65,000-square-foot warehouse. It will be home base for more than 600 ComEd field employees, engineering, and administrative groups. It will be LEED Platinum-certified, reflecting

the highest rating awarded for energy efficiency by the U.S. Green Building Council.

The Chicago North project will engage diversity-certified suppliers from the Chicago area to perform at least 50 percent of the design, engineering, and construction.

“I’m very impressed with the way that ComEd has reached out to the minority contracting community,” said Reyes. “They’re serious about creating opportunities for diverse suppliers who share their commitment to superior quality and to creating strong communities.”

Special features of the new Chicago North headquarters will include a 10,000-square-foot STEM education center with classrooms for area students, along with technology and interactive energy efficiency displays, and more than 300,000 square feet of space reserved for community and civic group activities.

UNITED SCRAP METAL CICERO, ILLINOIS

Workforce Diversity Key to United Scrap Metal's Innovation and Focus on Sustainability



Marsha Serlin, Founder and CEO, United Scrap Metal

With about \$200, a Budget rental truck and an extraordinary passion to succeed, Marsha Serlin began scouring alleys in search of recyclable materials in the early 1980s. She went on to start United Scrap Metal at a time when there were more than 400 recycling companies in the greater Chicago region. Today, there are only 20 recyclers in the area, and [United Scrap Metal](#) is one of the largest, not only in Chicago, but nationwide.

Headquartered in the industrial corridor on Chicago's northwest side, United Scrap Metal employs 400 team members and recycles approximately 325,000 tons of metal annually. It serves a national customer base with concentrations in manufacturing, utilities, construction, and demolition. The company's relationship with ComEd goes back

more than 30 years. United Scrap operates one of the industry's largest lines dedicated to recycling utility products, from overhead and underground cable to insulators, which are recycled into copper, steel and aluminum. The recycled products are purchased by a broad range of customers for use in the manufacturing and production of everything from automobiles and trailers to pharmaceuticals, supplements, and agricultural products, demonstrating the important role recycling plays in the conservation of energy and natural resources.

"The common denominator among our clients is a high expectation for quality products that support their own commitment to sustainability," says Marsha. "In the early days, there weren't too many women in this

industry, so to break through we had to distinguish ourselves. We did that by demonstrating the role recycling plays in a product lifecycle, and by anticipating customer needs and opportunities.

"A diverse workforce also has been key to our culture and to our success," adds Marsha. "There's no doubt that a diverse workforce helps you be more innovative. Diverse workers will always bring new ideas and solutions, and that's key to meeting the needs of an increasingly diverse customer base."

LIVEWIRE HAZEL CREST, ILLINOIS

LiveWire Construction, Inc. Helps ComEd Set High Standards for Smart Meter Installations



Shon Harris, President, LiveWire Electrical Systems, Inc

LiveWire Construction Owner Shon Harris began his career in the electrical industry as an apprentice electrician more than 20 years ago. He formed and incorporated LiveWire in 2006 and it has grown from a small electrical contractor business into a full-service construction firm with additions over the past decade of construction management and concrete divisions.

The company provides electrical meter repair and inspections for ComEd's Smart Meter Installation program. One of the most important factors contributing to ComEd's successful and ahead-of-schedule installation of nearly 4 million

smart meters is the safety protocol established to inspect existing meters before they're replaced with new ones. LiveWire has played a critical role in this process.

"Understanding what an important milestone the smart meter installation program is for ComEd and for its customers, we knew from the beginning that safety was the highest priority," said Harris. "We're proud of the role we've played and grateful for the opportunity to partner with ComEd to create a safety protocol that truly reflects high standards for excellence in Advanced Metering Infrastructure."

The smart meter program has also created an opportunity for LiveWire to grow and perform work for other ComEd departments, including the Real Estate and Facilities group. Through its work with ComEd, LiveWire has demonstrated its capabilities as a general contractor and manager and is expanding its footprint in the utility industry. It has recently begun working with People's Gas as a general contractor, self-performing electrical and concrete work for eight sites within the Chicagoland area.

SECTION XII: ICC WEBSITE



Section 5-117 of the Public Utilities Act 220 ILCS 5/5-117, effective on August 26, 2014, requires regulated gas, electric, and water utilities that have 100,000 customers or more to submit annual reports “on all procurement goals and actual spending for minority-owned, women-owned, veteran-owned, and small business enterprises in the previous calendar year,” and the utilities’ plan for implementing and realizing their goals for the following year.

Section 5-117(f) requires that the ICC publish on its website:

1. A list of the points of contact for the utilities;
2. The annual reports for a period of 5 years; and
3. A list of the certifications recognized and accepted by the utilities.

Section 5-117 reports are due annually April 15, beginning in 2016. Section 5-117 also requires the ICC and participating utilities to hold an Annual Policy Meeting that is open to the public on the subject of supplier diversity. The policy meeting will follow submission of the April 15 reports.

For more information on ComEd’s Annual Supplier Diversity Reports, please visit the ICC Supplier Diversity webpage at <http://www.icc.illinois.gov/filings/mwvs/>

SECTION XIII: UNIFORM APPENDIX A SUMMARY

MINORITY MEN

| | DIRECT | SUB K | TOTAL \$ | TOTAL % |
|------------------------|---------|-------|----------|---------|
| ASIAN PACIFIC AMERICAN | \$23.5 | \$0.0 | \$23.5 | 11% |
| AFRICAN AMERICAN | \$44.7 | \$0.0 | \$44.7 | 21% |
| HISPANIC AMERICAN | \$62.3 | \$0.0 | \$62.3 | 29% |
| NATIVE AMERICAN | \$84.4 | \$0.0 | \$84.4 | 39% |
| TOTAL MINORITY MEN | \$214.9 | \$0.0 | \$214.9 | 100% |

MINORITY WOMEN

| | DIRECT | SUB K | TOTAL \$ | TOTAL % |
|------------------------|--------|-------|----------|---------|
| ASIAN PACIFIC AMERICAN | \$0.0 | \$0.0 | \$0.0 | 0% |
| AFRICAN AMERICAN | \$16.3 | \$0.0 | \$16.3 | 74% |
| HISPANIC AMERICAN | \$5.9 | \$0.0 | \$5.9 | 26% |
| NATIVE AMERICAN | \$0.0 | \$0.0 | \$0.0 | 0% |
| TOTAL MINORITY WOMEN | \$22.1 | \$0.0 | \$22.1 | 100% |

TOTAL EXPENDITURES

| | DIRECT | SUB K | TOTAL \$ | TOTAL % |
|------------------------------------|--------|--------|----------|---------|
| MINORITY BUSINESS ENTERPRISE — MBE | \$237 | \$88 | \$325 | 16% |
| WOMEN BUSINESS ENTERPRISE — WBE | \$260 | \$82.3 | \$342 | 17% |
| SUBTOTAL MBE & WBE | \$497 | \$170 | \$667 | 33% |
| VETERAN BUSINESS ENTERPRISE — VBE | \$9.1 | \$7.9 | \$17.0 | 1% |
| *TOTAL MBE, WBE, VBE | \$506 | \$205 | \$711 | 36% |
| SMALL BUSINESS ENTERPRISE — SBE | \$137 | \$5 | \$142 | 7% |
| GROSS PROCUREMENT | | | \$1995 | |

**Total Diverse Spend includes Indirect Tier 2*

SECTION XIII (CONTINUED): UNIFORM APPENDIX A

| Category | African American | | | | Asian | | | | Tier 1 Female |
|------------------------------------|------------------------|------------------------|------------------------|------------------------|-----------------|------------------------|------------------------|------------------------|-----------------------|
| | Tier 1 Female | Tier 1 Male | Tier 2 | African American Total | Tier 1 Female | Tier 1 Male | Tier 2 | Asian Total | |
| ADVERTISING AND MARKETING | \$1,065,740.00 | \$552,822.36 | \$289,661.00 | \$1,908,223.36 | | | | | \$89,255.86 |
| BOLTING/FASTENERS | | | | | | | | | |
| BUSINESS CONSULTING | | \$6,409.00 | | \$6,409.00 | | | | | |
| CHEMICALS/FUELS/GASES/LUBRICANTS | | \$1,444.79 | | \$1,444.79 | | | | | |
| CLOTHING | | | | | | | | | |
| COOLING TOWERS | | | | | | | | | |
| CUSTOMER SERVICE | | | | | | | | | |
| DISTRIBUTION CONSTRUCTION | \$1,934,632.72 | \$7,865,746.52 | \$65,330.00 | \$9,865,709.24 | | \$141,592.21 | | \$141,592.21 | \$4,445,398.66 |
| DISTRIBUTION TRANSFORMERS | | | | | | \$22,873.89 | \$340,038.61 | \$362,912.50 | |
| ELEC DISTRIBUTION EQUIPMENT | | \$232,797.18 | \$5,340,076.50 | \$5,572,873.68 | | \$771,477.00 | | \$771,477.00 | \$102,612.78 |
| ELECTRICAL EQUIPMENT | | | | | | \$74,400.00 | | \$74,400.00 | |
| ENERGY EFFICIENCY | | \$5,184.44 | \$617,993.07 | \$623,177.51 | | \$31,975.35 | \$609,756.08 | \$641,731.43 | |
| ENGINEERING / TECHNICAL CONSULTING | \$4,658,728.75 | \$807,083.76 | \$1,207,097.90 | \$6,672,910.41 | | \$6,158,497.90 | | \$6,158,497.90 | \$32,245.80 |
| ENVIRONMENTAL SERVICES | \$63,827.63 | \$37,288.25 | \$1,667,580.00 | \$1,768,695.88 | | \$50,477.63 | | \$50,477.63 | |
| EQUIPMENT RENTAL | | \$146,440.00 | | \$146,440.00 | | | | | |
| FACILITIES | \$2,191,516.25 | \$19,403,163.63 | \$5,338,389.46 | \$26,933,069.34 | | \$1,569,035.02 | \$161,139.40 | \$1,730,174.42 | |
| FINANCIAL SERVICES | | | | | | | | | |
| FLEET | | \$3,862,473.90 | | \$3,862,473.90 | | | | | |
| FREIGHT | | \$48,234.45 | | \$48,234.45 | \$80.55 | \$486,193.63 | \$58,637.64 | \$544,911.82 | \$5,630.51 |
| GAS DISTRIBUTION EQUIPMENT | | | \$2,282.58 | \$2,282.58 | | | | | |
| GENCO CONSTRUCTION | | | | | | | | | |
| HEAVY HAULING AND LIFTING SERVICES | | | | | | | | | |
| HR SERVICES | | | | | | | | | |
| IN-PROCESSING/BADGING SERVICES | | | | | | | | | |
| INSTRUMENTATION / CONTROLS | | | | | | | | | |
| IT HARDWARE | | | | | | \$6,110,764.04 | | \$6,110,764.04 | |
| IT OUTSOURCING | | | | | | | | | |
| IT PROFESSIONAL SERVICES | | \$177,875.00 | \$28,351.00 | \$206,226.00 | | \$445,709.01 | \$119,685.00 | \$565,394.01 | |
| IT SOFTWARE | | | | | | \$140,100.15 | | \$140,100.15 | |
| IT TELECOM | | | \$464,775.80 | \$464,775.80 | | \$145,350.24 | \$105,716.00 | \$251,066.24 | |
| LIBRARY SERVICES | | | | | | | | | |
| MACHINING & FABRICATION SERVICES | | | | | | | | | |
| MAINTENANCE SERVICES | | | | | | | | | |
| MECHANICAL/HVAC MATERIAL | | | | | | | | | |
| METEOROLOGICAL DATA & MIO | | | | | | | | | |
| METERS | \$2,639,704.29 | | \$147,979.00 | \$2,787,683.29 | | | | | \$518,834.00 |
| MRO | | \$915,434.63 | | \$915,434.63 | \$827.33 | \$355.00 | | \$1,182.33 | |
| OFFICE SERVICES | | \$1,076,374.24 | | \$1,076,374.24 | | \$3,751.34 | | \$3,751.34 | |
| OFF-SITE TESTING SERVICES | | | | | | | | | |
| OVERHEAD CRANES | | | | | | | | | |
| PIPE & FITTINGS | | | | | | | | | |
| POLES | | | | | | | | | |
| PROMOTIONAL / GIFTS / AWARDS | | | | | | | | | |
| SCAFFOLDING | | | | | | | | | |
| SCRAP METAL | | | | | | | | | |
| SECURITY GUARDS | | | | | | | | | |
| STRUCTURAL STEEL | | | | | | | | | |
| SUPPLEMENTAL LABOR | | | \$6,703,927.48 | \$6,703,927.48 | | | \$3,029,297.39 | \$3,029,297.39 | |
| T&S CONSTRUCTION | \$3,764,908.01 | \$9,352,763.05 | \$2,909,776.10 | \$16,027,447.16 | | \$159,423.20 | | \$159,423.20 | \$698,191.17 |
| T&S MATERIALS | | \$23,220.48 | | \$23,220.48 | | \$7,074,378.23 | \$853.00 | \$7,075,231.23 | |
| TRAINING | | \$30,000.00 | | \$30,000.00 | | \$124,446.17 | | \$124,446.17 | |
| TRAVEL / LODGING | | | | | | | | | |
| TURBINE / GENERATOR | | \$160,680.00 | | \$160,680.00 | | | | | |
| UNCATEGORIZED | | \$181.59 | \$3,492,838.65 | \$3,493,020.24 | | | \$54,810.44 | \$54,810.44 | |
| VEGETATION MANAGEMENT | | | \$7,847,026.05 | \$7,847,026.05 | | | | | |
| WELDING | | | | | | | | | |
| WIRE AND CABLE | | | | | | | \$11,448,619.00 | \$11,448,619.00 | |
| Grand Total | \$16,319,057.65 | \$44,705,617.27 | \$36,123,084.59 | \$97,147,759.51 | \$907.88 | \$23,510,800.01 | \$15,928,552.56 | \$39,440,260.45 | \$5,892,168.78 |
| Grand Total % | 1% | 2% | 2% | 5% | 0% | 1% | 1% | 2% | 0% |

Total Diverse Spend = Tier 1 + Tier 2
Total Category Spend = Tier 1 + Tier 0
*Total Diverse Spend includes indirect Tier 2

| Hispanic | | | Native American | | | Veteran | | | Woman | |
|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|
| Tier 1 Male | Tier 2 | Hispanic Total | Tier 1 Male | Tier 2 | Native American Total | Tier 1 | Tier 2 | Veteran Total | Tier 1 Female | Tier 2 |
| \$16,738,838.53 | \$378,500.00 | \$17,206,594.39 | \$182,657.10 | | \$182,657.10 | | | | \$1,417,147.80 | |
| | | | \$1,657,601.74 | | \$1,657,601.74 | \$6,309,248.24 | | \$6,309,248.24 | \$1,231,620.57 | |
| | | | \$138,608.65 | | \$138,608.65 | | | | \$3,118,899.89 | |
| \$171,479.80 | | \$171,479.80 | | | | | | | \$143,866.94 | |
| \$12,800,566.73 | | \$17,245,965.39 | | \$5,078,907.30 | \$5,078,907.30 | | | | \$158,980,166.40 | \$11,751,876.89 |
| | \$696,159.00 | \$798,771.78 | \$43,054,845.61 | | \$43,054,845.61 | | | | \$5,116,898.83 | \$4,250,979.33 |
| | \$1,740,822.76 | \$1,740,822.76 | | | | | | | \$7,285.00 | \$7,285.00 |
| | \$5,678,743.78 | \$5,710,985.58 | | | | \$196,444.00 | \$1,170,519.63 | \$1,170,519.63 | \$650,846.61 | \$9,071,258.60 |
| \$4,685,748.14 | \$87,059.70 | \$4,772,807.84 | | | | \$519,322.72 | | \$519,322.72 | \$7,778,267.42 | \$913,511.89 |
| \$867,938.65 | | \$867,938.65 | | | | \$162,495.10 | | \$162,495.10 | \$316,501.90 | \$6,537,574.33 |
| \$12,134,134.58 | \$17,783,408.11 | \$29,917,542.69 | \$619,185.81 | \$77,124.00 | \$696,309.81 | | | | \$1,087,167.57 | \$12,089,269.38 |
| | | | | | | \$28,375.29 | | \$28,375.29 | \$10,292,937.73 | |
| \$392,527.06 | | \$392,527.06 | \$21,870.49 | | \$21,870.49 | \$7,132.87 | | \$7,132.87 | \$1,437,281.19 | |
| | | | \$123,450.37 | | \$123,450.37 | | | | \$35,563.58 | \$3,140,559.09 |
| | \$1,027,342.00 | \$1,027,342.00 | \$6,686.22 | | \$6,686.22 | | | | \$7,132.87 | \$155,209.27 |
| | | | | | | | | | \$1,344,080.46 | |
| | | | | | | | | | \$222,160.10 | |
| | | | | | | | | | \$385,934.23 | |
| \$9,900.00 | | \$9,900.00 | \$60,159.48 | | \$60,159.48 | | | | \$8,645.00 | |
| | | | | | | \$65,613.12 | | \$65,613.12 | \$108,028.30 | |
| | \$59,884.00 | \$59,884.00 | | | | \$1,704,623.75 | \$2,992,758.72 | \$4,697,382.47 | \$51,125.14 | \$193,240.00 |
| | | | | | | | | | \$275,554.32 | \$796,513.00 |
| | | | \$8,939.03 | | \$8,939.03 | | | | | |
| \$11,668,110.68 | | \$12,186,944.68 | \$250,277.08 | | \$250,277.08 | | | | \$3,031,715.82 | |
| | | | \$24,002,111.73 | | \$24,002,111.73 | \$15,576.70 | | \$15,576.70 | \$19,054.50 | |
| | | | \$33,476.12 | | \$33,476.12 | | | | \$4,735,837.87 | |
| | | | | | | | | | \$303,358.65 | |
| | | | | | | | | | | |
| | | | | | | | | | \$2,403,172.31 | |
| | | | | | | | | | \$827,342.82 | |
| \$2,800,004.18 | \$978,379.00 | \$978,379.00 | \$7,873.98 | \$44,629.00 | \$52,502.98 | | \$615,479.09 | \$615,479.09 | \$80,376.57 | \$6,376,215.17 |
| | \$737,561.00 | \$4,235,756.35 | \$14,012,039.70 | | \$14,012,039.70 | \$121,412.79 | \$2,007.74 | \$2,007.74 | \$41,802,427.62 | \$4,511,664.60 |
| | | | \$194,940.40 | | \$194,940.40 | | | \$121,412.79 | \$8,058,135.49 | \$4,088,743.91 |
| | | | | | | | | | \$47,803.76 | |
| | | | | | | | | | \$234,289.95 | |
| | \$1,442,588.32 | \$1,442,588.32 | | \$690.90 | \$690.90 | | \$3,013,494.13 | \$3,013,494.13 | \$4,446,624.30 | \$15,470,545.47 |
| | | | | | | | | | \$3,381,056.20 | |
| | \$33,737.00 | \$33,737.00 | \$38,719.19 | | \$38,719.19 | | \$5,896.00 | \$5,896.00 | | |
| \$62,269,248.35 | \$30,644,184.67 | \$98,805,601.80 | \$84,413,442.70 | \$5,201,351.20 | \$89,614,793.90 | \$9,130,244.58 | \$7,876,112.50 | \$17,006,357.08 | \$259,992,833.64 | \$82,287,116.81 |
| 3% | 2% | 5% | 4% | 0% | 5% | 0% | 0% | 1% | 13% | 4% |

SECTION XIII (CONTINUED): UNIFORM APPENDIX A

| Woman Total | Total MBE | Total VBE | Total WBE | *Total Diverse Spend | Total Non Diverse Prime (T0) | Total Category Spend |
|------------------|------------------|-----------------|------------------|----------------------|------------------------------|----------------------|
| \$1,417,147.80 | \$19,114,817.75 | \$0.00 | \$1,417,147.80 | \$20,531,965.55 | \$10,008,297.57 | \$29,872,102.12 |
| | \$182,657.10 | \$0.00 | \$0.00 | \$182,657.10 | \$725,035.89 | \$907,692.99 |
| \$1,231,620.57 | \$6,409.00 | \$0.00 | \$1,231,620.57 | \$1,231,620.57 | \$8,592,570.23 | \$9,830,599.80 |
| | \$1,659,046.53 | \$6,309,248.24 | \$0.00 | \$7,968,294.77 | \$5,237,965.06 | \$13,206,259.83 |
| \$3,118,899.89 | \$138,608.65 | \$0.00 | \$3,118,899.89 | \$3,257,508.54 | \$14,162.69 | \$3,271,671.23 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$140,391.00 | \$140,391.00 |
| \$143,866.94 | \$313,072.01 | \$0.00 | \$143,866.94 | \$456,938.95 | \$4,224,017.39 | \$4,680,956.34 |
| \$170,732,043.29 | \$32,576,552.43 | \$0.00 | \$170,732,043.29 | \$203,308,595.72 | \$174,678,459.87 | \$360,727,844.79 |
| \$46,807.77 | \$771,477.00 | \$0.00 | \$46,807.77 | \$818,284.77 | \$40,152,140.86 | \$40,923,617.86 |
| \$9,367,878.16 | \$49,500,891.07 | \$0.00 | \$9,367,878.16 | \$58,868,769.23 | \$72,932,035.30 | \$121,513,589.70 |
| \$7,285.00 | \$0.00 | \$0.00 | \$7,285.00 | \$7,285.00 | \$337,118.48 | \$337,118.48 |
| \$9,722,105.21 | \$3,005,731.70 | \$1,170,519.63 | \$9,722,105.21 | \$13,898,356.54 | \$108,777,647.87 | \$109,465,654.27 |
| \$8,091,779.31 | \$18,542,397.89 | \$196,444.00 | \$8,091,779.31 | \$26,830,621.20 | \$78,100,983.29 | \$97,732,250.92 |
| \$6,854,076.23 | \$6,591,981.35 | \$0.00 | \$6,854,076.23 | \$13,446,057.58 | \$39,764,505.98 | \$44,918,349.53 |
| \$1,087,167.57 | \$1,014,378.65 | \$519,322.72 | \$1,087,167.57 | \$2,620,868.94 | \$21,447,653.46 | \$24,068,522.40 |
| \$22,382,207.11 | \$59,311,806.26 | \$162,495.10 | \$22,382,207.11 | \$81,856,508.47 | \$87,517,263.00 | \$133,889,731.12 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$525,294.27 | \$525,294.27 |
| \$1,437,281.19 | \$4,276,871.45 | \$28,375.29 | \$1,437,281.19 | \$5,742,527.93 | \$45,578,829.14 | \$51,321,357.07 |
| \$3,185,122.67 | \$722,227.15 | \$7,132.87 | \$3,185,122.67 | \$3,914,482.69 | \$8,060,184.02 | \$8,766,469.98 |
| \$155,209.27 | \$8,968.80 | \$0.00 | \$155,209.27 | \$164,178.07 | \$34,413.24 | \$41,099.46 |
| \$1,344,080.46 | \$1,027,342.00 | \$0.00 | \$1,344,080.46 | \$2,371,422.46 | \$644,379.98 | \$1,988,460.44 |
| \$222,160.10 | \$0.00 | \$0.00 | \$222,160.10 | \$222,160.10 | \$296,740.36 | \$518,900.46 |
| \$385,934.23 | \$0.00 | \$0.00 | \$385,934.23 | \$385,934.23 | \$3,886,123.24 | \$4,272,057.47 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,685.00 | \$1,685.00 |
| \$8,645.00 | \$0.00 | \$0.00 | \$8,645.00 | \$8,645.00 | \$201,036.25 | \$209,681.25 |
| \$108,028.30 | \$6,170,923.52 | \$0.00 | \$108,028.30 | \$6,278,951.82 | \$9,201,911.22 | \$15,480,863.04 |
| | \$9,900.00 | \$65,613.12 | \$0.00 | \$75,513.12 | \$9,225,130.88 | \$9,300,644.00 |
| \$193,240.00 | \$771,620.01 | \$4,697,382.47 | \$193,240.00 | \$5,662,242.48 | \$11,465,921.86 | \$13,794,129.62 |
| \$51,125.14 | \$140,100.15 | \$0.00 | \$51,125.14 | \$191,225.29 | \$59,791,127.92 | \$59,982,353.21 |
| \$1,072,067.32 | \$775,726.04 | \$0.00 | \$1,072,067.32 | \$1,847,793.36 | \$15,313,121.70 | \$15,734,026.26 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,127,540.01 | \$1,127,540.01 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$108,449.14 | \$108,449.14 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$27,695.00 | \$27,695.00 |
| | \$8,939.03 | \$0.00 | \$0.00 | \$8,939.03 | \$6,622.22 | \$15,561.25 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$68,235.00 | \$68,235.00 |
| \$3,031,715.82 | \$15,224,905.05 | \$0.00 | \$3,031,715.82 | \$18,256,620.87 | \$98,943,412.83 | \$117,052,054.70 |
| \$19,054.50 | \$24,918,728.69 | \$15,576.70 | \$19,054.50 | \$24,953,359.89 | \$8,270,060.08 | \$33,223,419.97 |
| \$4,735,837.87 | \$1,113,601.70 | \$0.00 | \$4,735,837.87 | \$5,849,439.57 | \$2,812,644.28 | \$8,662,083.85 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,393,958.63 | \$1,393,958.63 |
| \$303,358.65 | \$0.00 | \$0.00 | \$303,358.65 | \$303,358.65 | \$303,358.65 | \$303,358.65 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$262,714.56 | \$262,714.56 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$6,299,422.12 | \$6,299,422.12 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$37,250.53 | \$37,250.53 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$30,714.50 | \$30,714.50 |
| \$2,403,172.31 | \$0.00 | \$0.00 | \$2,403,172.31 | \$2,403,172.31 | \$2,403,172.31 | \$2,403,172.31 |
| \$827,342.82 | \$0.00 | \$0.00 | \$827,342.82 | \$827,342.82 | \$827,342.82 | \$827,342.82 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$919,971.51 | \$919,971.51 |
| \$6,456,591.74 | \$10,711,603.87 | \$615,479.09 | \$6,456,591.74 | \$17,783,674.70 | \$34,706,830.51 | \$34,787,207.08 |
| \$46,314,292.22 | \$20,475,129.69 | \$2,007.74 | \$46,314,292.22 | \$66,791,429.65 | \$181,322,498.25 | \$239,908,089.46 |
| \$12,146,879.40 | \$21,110,491.41 | \$121,412.79 | \$12,146,879.40 | \$33,378,783.60 | \$92,149,864.81 | \$121,439,051.50 |
| \$47,803.76 | \$349,386.57 | \$0.00 | \$47,803.76 | \$397,190.33 | \$2,434,566.87 | \$2,831,757.20 |
| \$234,289.95 | \$0.00 | \$0.00 | \$234,289.95 | \$234,289.95 | \$1,686,991.70 | \$1,921,281.65 |
| | \$160,680.00 | \$0.00 | \$0.00 | \$160,680.00 | \$160,680.00 | \$160,680.00 |
| \$19,917,169.77 | \$4,992,168.30 | \$3,013,494.13 | \$19,917,169.77 | \$27,922,832.20 | \$17,525,228.46 | \$21,972,034.35 * |
| \$3,381,056.20 | \$7,857,210.36 | \$0.00 | \$3,381,056.20 | \$11,238,266.56 | \$125,238,950.75 | \$125,238,950.75 |
| | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$11,292.00 | \$11,292.00 |
| \$84,431.79 | \$11,521,075.19 | \$5,896.00 | \$84,431.79 | \$11,611,402.98 | \$92,122,600.61 | \$92,161,319.80 |
| \$342,279,950.45 | \$325,077,426.37 | \$16,930,399.89 | \$342,268,775.33 | \$710,795,643.23 | \$1,484,383,661.39 | \$1,990,617,982.25 |
| 17% | 16% | 1% | 17% | 36% | 74% | |

* NA due to inclusion of Indirect Spend

POWERING THE ILLINOIS ECONOMY

*ComEd's Economic Impact
2016*

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LETTER FROM THE CEO

ComEd and its nearly 6,300 employees are committed to powering the Illinois economy by delivering reliable, affordable, and clean electricity. ComEd is one of the largest employers in Illinois and partners with local businesses and communities for further economic impact. ComEd and its people are proud of the role that we play in providing a critical infrastructure and our deeply-held commitment to a strong community.

We are mission-driven. We are committed to Powering Lives for our 3.9 million customers in Northern Illinois. We work every day to positively impact job creation and retention while building enduring partnerships with our Illinois suppliers and communities. We value collaboration with our state's thought leaders, capitalizing on fast-developing technologies to create industry-leading programs in data analytics, energy efficiency and infrastructure resiliency.

This report, based on modeling by the Illinois Regional Economics Applications Laboratory of the University of Illinois at Urbana-Champaign, highlights ComEd's contributions to the Illinois economy in 2016.

Since our founding, ComEd has participated in building Illinois' rich history of innovation, academic excellence, entrepreneurship and leadership in energy policy. We are looking forward to many more years of progress and achievement for our state.

I am pleased to deliver this report to you and highlight ComEd's contributions to our economy in 2016.

Thank you for your continued interest and shared commitment to Illinois.

Anne R. Pramaggiore
President and CEO, ComEd

COMED'S IMPACT ON THE ILLINOIS ECONOMY

BY THE NUMBERS

“By providing record-setting, consistent service, ComEd has helped convince businesses that Illinois is the right place to invest and expand.”

– ANDRIA WINTERS, CHIEF OPERATING OFFICER, INTERSECT ILLINOIS

Building on a century of service to customers in Illinois, ComEd has grown to be one of the largest energy delivery companies in the country. With 3.9 million customers across Northern Illinois, comprising 70 percent of the state's population, ComEd has a broad and deep impact on the state's economy.

ComEd's work has a major direct impact on the state's economy, through wages and salaries paid to our employees, purchases from Illinois businesses, and state and local taxes. Furthermore, this activity creates an additional indirect economic impact through a ripple effect, which includes increased demand for goods and services from local businesses and the wages and salaries spent by employees in their communities.

Beyond this, ComEd also powers the Illinois economy by generating savings and benefits for customers through energy efficiency programs, investments authorized by the 2011 Energy Infrastructure Modernization Act (EIMA), along with community, philanthropy and volunteerism. ➡

OUR IMPACT IN NUMBERS

2016 YEAR IN REVIEW

\$1.56 
BILLION

supply chain direct expenditures

Generated an additional **\$1.34 billion** in Illinois goods and services for a total economic impact of **\$2.9 billion**

Created 5,500 direct and 10,500 indirect jobs for a total of 16,000 jobs with **\$1.11 billion** in wages and salary

Procured **42%** of Illinois goods and services from diverse businesses

\$725 
MILLION

expenditures and investments under EIMA

Resulted in **\$560 million** in reliability benefits for consumers, due to reduced outage frequency

Generated an additional **\$654 million** in goods and services for a total economic impact of **\$1.4 billion**

Created 1,700 direct jobs and 2,600 indirect jobs for a total of 4,300 jobs

\$1.6 
BILLION

state and local tax direct and indirect total economic impact

 **\$195**
MILLION


ComEd's energy efficiency program

Stimulated matching consumer investment of **\$391 million**

Resulted in **\$1.15 billion** total economic impact, 2,500 direct jobs and 4,100 indirect jobs

 **\$584**
MILLION
salaries for ComEd's 6,249 employees

Generated a total economic effect of **\$2.66 billion** in goods and services and 18,200 direct and indirect jobs

 **\$5.8**
MILLION
philanthropic donations

Generated **\$6.4 million** in goods and services

Created a total impact of **\$12.2 million**, including 274 jobs, direct and indirect

** These numbers are not additive*

IMPACT

SMART GRID MODERNIZATION AND THE ECONOMY

“Who doesn’t love smart technology? You can control everything in your home, even when you’re out. Without smart technology, I’d be paying a lot more for heat and air conditioning. Now, if I forget to turn down the thermostat before going to work, I can adjust it on my phone and save power for the next eight hours.”

– ANGELIQUE, A COMED CUSTOMER, (CHICAGO, IL)

In 2011, the Illinois General Assembly passed the Energy Infrastructure Modernization Act (EIMA) with the goal of modernizing the state’s energy infrastructure and improving performance for customers. In the years since, ComEd has invested heavily in our infrastructure, including smart switches, pole and cable replacement, smart meters, and other innovations.

- ➔ By reducing the frequency of outages by 44 percent and the duration of outages by 48 percent compared to the five-year pre-EIMA average, ComEd delivered \$560 million in value from improved reliability to our customers in 2016 alone and nearly \$2 billion in avoided outage benefit from 2012-2016.
- ➔ As a result of Smart Grid Modernization projects, ComEd directly created 1,692 direct jobs and indirectly created an additional 2,593 jobs, for a total of 4,285 jobs in 2016.
- ➔ ComEd has already installed nearly 3.5 million smart meters across Northern Illinois, empowering customers with digital tools and programs for tracking energy use and saving money. Smart meters have produced \$50 million in operational savings from 2012– 2016.
- ➔ ComEd has built two state-of-the-art training centers in Rockford (2013) and Chicago (2016), where nearly 5,000 employees train annually. Both centers have a Smart Energy Hub, where students can take field trips to learn about the smart grid, energy efficiency, and electricity safety. ➔



“ComEd’s workforce development efforts in Rockford and surrounding communities have been invaluable. The Rockford facility creates opportunities for men, women, and students to be trained and ready for careers in the utility industry.”

– NATHAN BRYANT, CEO OF THE ROCKFORD AREA ECONOMIC DEVELOPMENT COUNCIL (RAEDC)

IMPACT

OUR WORKFORCE

At ComEd, we understand that our employees are integral not only to our business, but also to the communities they live in and the local and state economies they participate in.

ComEd employees support local businesses, social services, infrastructure investments, and schools with every salary dollar they spend, creating economic opportunity for residents throughout Illinois.

SPENDING AND CREATING

Through salaries and wages, ComEd has put significant capital into the Illinois economy. Employee income, spent in neighborhoods across Illinois, produces demand for more goods and services, thus growing salaries and creating job opportunities.

- ➔ ComEd paid \$583.9 million in salaries to its 6,249 employees in 2016.
- ➔ Each dollar paid to a ComEd employee generates an additional \$0.75 of income in the Illinois economy.
- ➔ This generated a total income impact of \$1.022 billion, a total economic impact of \$2.66 billion, and 6,249 direct and 11,900 indirect jobs for a total of 18,149 jobs.

EMPLOYING FROM ILLINOIS INSTITUTIONS

Our workforce is our lifeblood, making it essential to hire qualified, local candidates from a variety of backgrounds. We are made up of engineers, communications specialists, data analysts, human resource managers, call center representatives,

community liaisons, IT experts, economic developers, linemen, dispatchers and more.

Illinois has the most educated employees in the Midwest, with more than 38 percent of the state's workforce holding a bachelor's degree or higher. Putting our local talent to work, we take pride in hiring Illinois-educated employees.

IN 2016, COMED:

- ➔ Hired 95 graduates of Illinois academic institutions into full-time positions, accounting for 44% of total hires.
- ➔ Recruited and on-boarded 70 interns from Illinois academic institutions.
- ➔ Of ComEd's 2016 new employees, 93% are Illinois residents. ➔



OVER 50 ILLINOIS COLLEGES AND UNIVERSITIES ARE REPRESENTED IN THE COMED WORKFORCE

→ CONSTRUCT: WORKFORCE DEVELOPMENT

Together with 31 construction industry partners, 3 local utilities and 7 social service agencies, ComEd launched Construct, a 9-week job training program offering information, guidance and skills to participants to compete for entry-level jobs in the construction and energy-related industries. To date, more than 300 students have participated, with 74 graduates in 2016 alone. Construct has a 98% graduation rate, placing 240 Illinois residents into careers since its launch.



| | |
|--------------------------------------|--|
| AUGUSTANA COLLEGE | MALCOLM X COLLEGE |
| AURORA UNIVERSITY | MCHENRY COUNTY COLLEGE |
| BENEDICTINE UNIVERSITY | MORAIN VALLEY COLLEGE |
| BRADLEY UNIVERSITY | MORRISON INSTITUTE OF TECHNOLOGY |
| CHICAGO STATE UNIVERSITY | MORTON COLLEGE |
| COLLEGE OF LAKE COUNTY | NATIONAL-LOUIS UNIVERSITY |
| COLLEGE OF DUPAGE | NORTH CENTRAL COLLEGE |
| COLUMBIA COLLEGE | NORTH PARK UNIVERSITY |
| CONCORDIA UNIVERSITY CHICAGO | NORTHEASTERN ILLINOIS UNIVERSITY |
| COYNE COLLEGE | NORTHERN ILLINOIS UNIVERSITY |
| DEPAUL UNIVERSITY | NORTHWESTERN UNIVERSITY |
| DEVRY UNIVERSITY | OAKTON COMMUNITY COLLEGE |
| DOMINICAN UNIVERSITY | OLIVE HARVEY COLLEGE |
| EASTERN ILLINOIS UNIVERSITY | OLIVET NAZARENE COLLEGE |
| ELGIN COMMUNITY COLLEGE | PRAIRIE STATE COLLEGE |
| ELMHURST COLLEGE | RICHARD J DALEY COLLEGE |
| GEORGE WILLIAMS COLLEGE | ROBERT MORRIS COLLEGE |
| GOVERNORS STATE UNIVERSITY | ROCK VALLEY COLLEGE |
| HAROLD WASHINGTON COLLEGE | ROCKFORD COLLEGE |
| HIGHLAND COMMUNITY COLLEGE | ROOSEVELT UNIVERSITY |
| ILLINOIS COLLEGE | ROSEMONT COLLEGE |
| ILLINOIS INSTITUTE OF TECHNOLOGY | SAINT XAVIER UNIVERSITY |
| ILLINOIS STATE UNIVERSITY | SAUK VALLEY COLLEGE |
| ILLINOIS VALLEY COMMUNITY COLLEGE | SOUTH SUBURBAN COLLEGE |
| ILLINOIS WESLEYAN UNIVERSITY | SOUTHERN ILLINOIS UNIVERSITY |
| ITT TECHNICAL INSTITUTE | TRINITY UNIVERSITY |
| JOHN MARSHALL LAW SCHOOL | TRITON COLLEGE |
| JOLIET JUNIOR COLLEGE | TRUMAN COLLEGE |
| JUDSON COLLEGE | UNIVERSITY OF CHICAGO |
| KANKAKEE COMMUNITY COLLEGE | UNIVERSITY OF ILLINOIS AT CHICAGO |
| KELLER GRADUATE SCHOOL OF MANAGEMENT | UNIVERSITY OF ILLINOIS AT SPRINGFIELD |
| KENNEDY-KING COLLEGE | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN |
| KISHWAUKEE COLLEGE | WABASH VALLEY COLLEGE |
| LAKE FOREST COLLEGE | WAUBONSEE COMMUNITY COLLEGE |
| LEWIS UNIVERSITY | WESTERN ILLINOIS UNIVERSITY |
| LOYOLA UNIVERSITY OF CHICAGO | WILLIAM HARPER COLLEGE |
| | WRIGHT COLLEGE |

IMPACT

INVESTING IN ILLINOIS BUSINESSES

“We work with ComEd on an ongoing basis to replace, repair, and modernize manholes throughout the Chicagoland area as part of their EIMA efforts. As a family-owned company with 50 years of experience, we have been able to grow our business, hire more employees, and strengthen our brand by working with ComEd”

– STEPHANIE HICKMAN, PRESIDENT AND CEO OF TRICE CONSTRUCTION COMPANY

The suppliers and vendors we work with on a daily basis are a reflection of the communities we serve: they are local and diverse. We are proud to work with our partners, as they shape their communities and the state by creating economic and employment opportunities.

GROWING LOCAL BUSINESSES

ComEd relies on businesses throughout Illinois and across many sectors to deliver electricity. Our partnerships with these companies generate economic opportunities that help power the Illinois economy.

2016 SCORECARD

- ➔ **\$1.56 billion** spent on Illinois supply chain direct expenditures, generating an additional indirect **\$1.34 billion** in Illinois goods and services for a total economic impact of **\$2.9 billion**.
- ➔ **5,500 direct jobs** and **10,500 indirect jobs** are associated with ComEd’s supply chain expenditures, for a total of **16,000 jobs** that involve a total of **\$1.11 billion** in wages and salaries.



MULTIPLYING OUR IMPACT

With each dollar that ComEd puts into its supply chain, additional demand for local goods and services, jobs, and salaries is generated.

- ➔ An additional **\$0.90** is generated for each dollar ComEd spends on supply chain goods and services.
- ➔ An additional **\$0.80** is generated for each dollar ComEd spends on salaries and wages.
- ➔ An additional **1.9 jobs** are created for each job ComEd directly generates.

SUPPORTING DIVERSE COMPANIES

ComEd is committed to diversity and inclusion in our workforce and throughout our vendor and supplier partnerships. Diverse business play a key role in ComEd's overall economic impact.

- ➔ 42 percent, or **\$654 million**, of ComEd's Illinois supply chain spending was with diverse Illinois vendors.
- ➔ Approximately **2,400 employees** are associated with ComEd's supply chain spending on goods and services with diverse businesses.



“From purchasing electrical switchgear from a local manufacturer, to supporting a local smart meter facility and safety equipment center, ComEd’s economic impact is felt all across Chicagoland. The company’s continued infrastructure investments contribute greatly to the Chicagoland region’s economic growth.”

– JEFF MALEHORN, PRESIDENT AND CEO,
WORLD BUSINESS CHICAGO



“Better, reliable power means a more productive, modern city. We’re proud to have worked with ComEd to improve the electric grid, and reduce the frequency and length of power outages for families and businesses.”

– ARTHUR ZAYAS MILLER, PRESIDENT AND CEO OF MZI GROUP

IMPACT

ENERGY EFFICIENCY PROGRAM

“With ComEd’s new smart meter, I’ve been able to get weekly usage reports, which has been great, because I can see when I need to cut electrical usage to save money. We’ve managed to save about ten percent every week for a month now.”

—MARK, A COMED CUSTOMER, (ADDISON, IL)

As we deliver electricity to our customers, we promote strategies for efficient energy use and cost reduction, keeping more money in their pockets for the goods and services they need. By helping them save energy and money, we hope to build a better future for customers across Illinois.



ENERGY EFFICIENCY PROGRAMS

ComEd has one of the largest energy efficiency portfolios of any American utility. The ComEd program has been recognized as EPA Energy Star Partner of the Year (2013 through 2016) for its quality and cost-effectiveness. ComEd offers incentives to customers to invest in energy efficiency appliances, light bulbs, machinery, and more.

REAL estimates that for each dollar ComEd spends on these programs, our customers invest an additional \$2 dollars in energy efficiency.

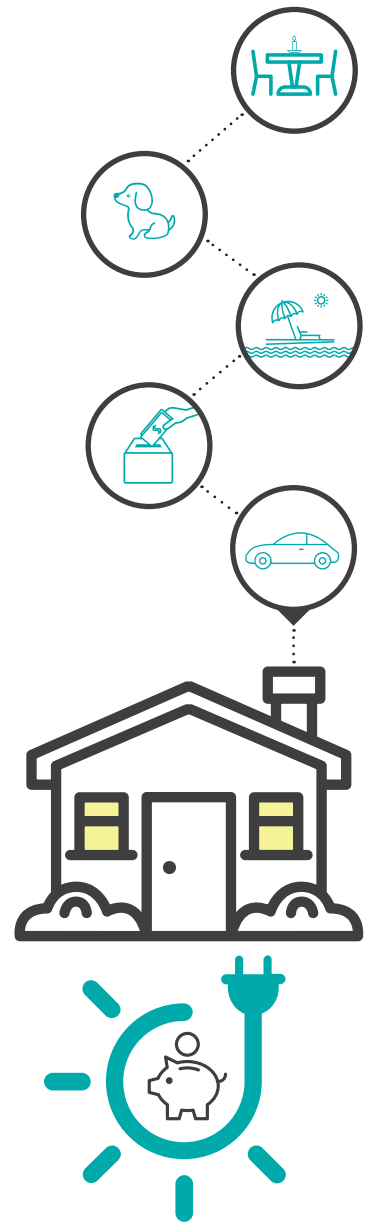
In 2016, our customers generated an additional \$391M spend to ComEd's \$195M investment in energy efficiency programs for a total direct spend associated with ComEd of \$586 million. This investment generated an additional indirect \$567.6 million in goods and services throughout Illinois, for a total of \$1.15 billion due to energy efficiency programming and incentives. This spending directly creates approximately 2,500 jobs and 4,100 indirect jobs, for a total of 6,600 jobs.

CONSUMER SAVINGS

When we help our customers save money on their electricity bills, they have more money to spend on other goods and services, creating economic benefits for themselves and their communities.

2016 FACTS:

- ➔ ComEd customer total energy bill savings are estimated to be **\$128 million in 2016, generating an additional \$108.7 million** in indirect goods and services, for a total economic impact of **\$236.7 million**.
- ➔ ComEd customer energy savings had a direct impact of **1,500 jobs** and generated an additional **900 indirect jobs**, for a total employment impact of **2,300 jobs**.
- ➔ **1,000 more jobs are generated throughout the Illinois economy** from the consumer redeployment of energy bill savings than would have resulted from paying more for electricity. ➔



IMPACT TAXES

As a local company, we are deeply committed to the people of Illinois: they are our customers, our employees, our vendors, and our partners. We are proud that our tax dollars go to support local and state government services for the people of Illinois.

ComEd's estimated 2016 total contribution to state and local tax revenues in Illinois, including direct and indirect dollars, totals over \$1.6 billion. ➡



\$1.6 BILLION

**ECONOMIC IMPACT FROM
STATE AND LOCAL TAXES**

\$411.5 MILLION



Property Taxes



\$775 MILLION

**Franchise and Electric
Utility Taxes**

\$50.5 MILLION



Taxes On Production



\$332.8 MILLION

State Sales Taxes

\$2.9 MILLION



**State Unemployment
Insurance Premiums**



\$43.4 MILLION

Personal Taxes

IMPACT

MAKING A DIFFERENCE

“As the largest non-government funder of health and human services, United Way does what no single organization alone can do to address the key issues people face around income, education, and health. In 2016, ComEd employees gave \$1.3 million to United Way of Metropolitan Chicago. ComEd fuels real change in Illinois communities.”

– WENDY DUBOE, UNITED WAY OF METROPOLITAN CHICAGO

As a company with over 100 years of history in Northern Illinois, we have a strong tradition of community leadership and investment. Consistently engaging in corporate citizenship, we create impactful connections with more than 400 communities we serve through our volunteerism, financial contributions, environmental stewardship and financial assistance programs.

Our philanthropic efforts as a company make all of us proud to work at ComEd.

INVESTING IN OUR COMMUNITIES

In 2016, ComEd and its employees contributed \$5.8 million to philanthropic organizations in the state, including \$1.3 million from our employees to United Way. These donations indirectly generated an additional \$6.4 million, for a total economic impact of \$12.2 million. The result of this impact also helped support 273 jobs in Illinois communities.

- ➔ Volunteered 22,000 hours.
- ➔ #1 team at the Polar Plunge for Special Olympics Chicago with 545 participants, raising \$165,000.
- ➔ \$1.2 million donated to local charities through employee-giving campaign.
- ➔ Donated \$57,000 on Giving Tuesday.

- ➔ **Project Onward:** Chicago-area artists with disabilities display their art at Chicago Training Center, and traveled to Springfield’s Capitol Rotunda for a special exhibition. ➔

➔ **ICE BOX DERBY:**

The Icebox Derby is ComEd’s initiative to empower young women to explore opportunities in science, technology, engineering and math (STEM) fields. This educational competition challenges teen girls across Chicagoland to work in teams to transform recycled refrigerators into electric and solar-powered race cars. All participants receive college scholarships. The Icebox Derby has been recognized by International Association of Business Communicators.



APPENDIX

METHODOLOGY

ComEd engaged the Regional Economics Applications Laboratory (REAL) of the University of Illinois at Urbana-Champaign to analyze the direct and indirect economic impact in 2016 of our company's employee salaries and our purchase of goods and services.

REAL used two types of modeling systems for this report: Illinois Regional Econometric Input-output Model (IREIM) and IMPLAN. IREIM combines the cross-sectional structure of an economy whereby firms buy and sell from each other, hire labor, and pay wages and salaries with which consumer expenditures are made. The tax analysis was conducted using IMPLAN¹. Inputs generated by IREIM are entered into the IMPLAN model to estimate a variety of state and local government taxes.

The economic impact was estimated using data provided by ComEd to REAL. The data used is the same that ComEd provides to utility and other regulatory agencies. That data was applied through an IMPLAN input-output model that was customized for this project. IMPLAN represents an industry standard approach for undertaking economic impact studies and is commonly used to estimate the economic impacts generated by projects, companies, and industries. ➡

¹ IMPLAN is a proprietary suite of models originally developed by the U.S. Forest Service and subsequently expanded and further developed by a private company now headquartered in Huntersville, North Carolina. The system of models has been in widespread use for several decades.



ADDITIONAL INFORMATION ABOUT REAL AND ITS METHODOLOGY IS AVAILABLE AT: www.real.illinois.edu/

KEY TERMS & CONCEPTS

This report looks at **three economic effects** that together make up the total economic impact of our spending and employment in metropolitan Chicago, the Northern Illinois region, and the state of Illinois.

THEY ARE DEFINED AS:

1

DIRECT IMPACT

The economic activity directly associated with ComEd’s operations. This includes revenue generated by ComEd, the people directly employed by ComEd, and the wages and salaries paid directly to those employees.

2

INDIRECT IMPACT

There are two types of indirect impacts: an industry-to-industry effect, generated in sectors that supply goods and services to ComEd, and an effect generated by employee spending wages and salaries.

The report will not distinguish between the two types of effects when discussing indirect impact.

3

TOTAL ECONOMIC IMPACT

The sum of the direct and indirect impacts.

RIPPLE/MULTIPLIER EFFECT

A ratio that shows the additional impact generated as a result of a direct expenditure.

ComEd’s direct, indirect, and total impacts are measured in the following ways:



EMPLOYMENT

The number of jobs supported



INCOME

Wages and salaries paid to workers



GOODS AND SERVICES

The market value of goods and services provided, reflected as revenue or sales by businesses

GLOSSARY OF TERMS AND MODELS USED

LINKAGES

A regional economy such as Illinois' has several important features. First, sectors in an economy are linked – some directly, others indirectly. For example, a sector producing automobile parts that are shipped to the final assembly line would represent a direct linkage between two sectors. The automobile component supplier purchases some fabricated metals products from another supplier; this too represents a direct linkage. However, the fabricated metals producer has an indirect linkage to the automobile assembly producer. Although not directly dependent on automobile production, the fabricated metal producer is indirectly dependent on the production levels of the assembler. Hence, while many sectors of the economy are linked directly, many are linked indirectly. No one is independent in the economic system.

RIPPLE OR MULTIPLIER EFFECTS

In the automobile example, if production increases the assembler will require more components, generating a direct effect. In turn, the component supplier will purchase more fabricated metal products, the fabricated metal producer will buy more steel, and the steel producer will buy more iron ore or scrap and so forth. Thus, there are multiple levels of the ripple effect – a direct change in one sector leads to expansion in other sectors of the economy. These sector-to-sector effects are referred to as indirect effects.

Firms not only purchase components and materials from other sectors, they also pay wages and salaries to their employees. These employees will generate their own ripple effect when they spend or save their money. For example, an assembly line worker may use the extra income earned from overtime worked to meet the additional demand in the example, to take the family to dinner. Part of this expenditure becomes income to the waiter who spends some of this income at the dry cleaners and the owners of the dry cleaning business to buy lumber to renovate their house then use part of that expenditure. Employees in the lumberyard to enjoy an evening at the cinema will use a portion of the lumber expenditure – and so the process continues until the impact diminishes to zero. This part of the ripple effect is referred to as induced income impacts.

There are two types of indirect effects then. One is generated by industry-to-industry purchases and sales and employee spending from wages and salaries generates the other. The summation of the economic impacts of ComEd activities is shown in the tables contained in this report as direct, indirect and total impacts. The tables also show the ripple or multiplier effect in terms of a ratio. For example, an employment multiplier of 1.5 for every direct job yields an additional 0.5 jobs generated through a combination of the indirect and induced impacts.

MODELS USED

In this report, two modeling systems are used, a regional economic modeling set and a tax model. The majority of the analysis is conducted with a proprietary model of the Illinois economy developed by the Regional Economics Applications Laboratory. **IREIM (Illinois Regional Econometric Input-output Model)** combines the cross-sectional structure of an economy whereby firms buy and sell from each other, hire labor, pay wages and salaries with which consumer expenditures are made. A time-series perspective provided by an econometric analysis, IREIM has companion modules for Chicago and several other Midwest states that were initially developed in the early 1990s and that have been updated and expanded on many occasions since, with the most recent re-calibration carried out two-years ago. The models have been widely used for impact analysis and forecasting. The Chicago model, for example, was used to make the Go-to-2040 Forecasts for the Chicago Metropolitan Agency for Planning.

The tax analysis was conducted using IMPLAN². Inputs generated by IREIM are entered in this model to estimate a variety of state and local government taxes.

The impact analysis for 2016 was conducted on the Illinois economy as a whole since ComEd's economic impact is not confined solely to its northern Illinois service territory. The results from the model produces results for 45 specific Illinois economic sectors that are then aggregated into 9 combined sectors for simplicity of presentation in this report. The Illinois Econometric Input-Output Model (IREIM) has been in use for almost three decades during

which time it has been significantly modified and updated. At its heart is an input-output system that captures the sales and purchases relationships among industries; this is then embedded in an econometric formulation that enables forecasts to be made (currently through 2040). This model and a companion one for the Chicago metropolitan region have been used to conduct over 200 impact analyses for a variety of federal, state and local government agencies as well as private-sector and non-profit organizations. The forecasts provided from the Chicago model were used as reference forecasts by CMAP in their Go-to-2040 planning exercise.

The consumer value associated with reductions in the frequency and duration of outages since the implementation of the 2011 Illinois Energy Infrastructure Modernization Act (EIMA) was estimated using the Interruption Cost per Event (ICE) calculator in cooperation with ComEd staff.

THE VOLL AND ICE APPROACHES TO MEASUREMENT OF RELIABILITY

Measuring the economic value of electricity reliability is a complex undertaking that requires an acceptance of imprecision and varying values depending on both the methods employed and the characteristics of the geographic area that is the subject of the analysis.

There is an extensive literature on reliability value. This report explored two methodologies, Value of Lost Load (VOLL) and Interruption Cost per Event (ICE), which customarily used by ComEd. Because the value of 100 percent reliability cannot be directly observed, both methods are inferential in that they seek to measure the economic loss associated with a failure to achieve 100 percent reliability. These two methods allow for measurements of avoided economic losses due to an improvement in reliability between one period of time and another.

VOLL estimates the economic loss in a specific geographic area based on a variety of data collections methods. Direct approaches include surveys to ascertain customer estimates of losses from hypothetical or actual outages or the prices customers are willing to pay to avoid outages. Indirect approaches may involve the use of macro-economic data as well as inferences drawn from the costs customers have incurred to ensure reliability. However, since there was not a pre-existing ComEd area VOLL estimate, estimates using this methodology rely on the most relevant VOLL estimates from various studies for the Midwest region. The resulting VOLL estimates for ComEd customers in this report are not refined to reflect time of day or seasonality of outages.

ICE, used by ComEd for its own reliability analytics, was developed under the auspices of the U.S. Department of Energy's Lawrence Berkeley National Laboratory. ICE is a metadata approach that makes use of a large number of VOLL estimates from various studies around the country. ComEd makes further refinements based on specific northern Illinois conditions. Further, it is possible to use this methodology to compare pre- and post EIMA periods of analysis and the primary focus of the presentation in section 2 relies on estimates using the ICE tool. ➡

² IMPLAN is a proprietary suite of models originally developed by the US Forest Service and subsequently expanded and further developed by a private company now headquartered in Huntersville, North Carolina; the system of models has been in widespread use for several decades.

POWERING THE ILLINOIS ECONOMY

ComEd's Economic Impact
2016



An Exelon Company



SUPPLIER DIVERSITY

Helping ComEd Power Lives and Innovate for Illinois



ComEd will connect its microgrid demonstration project to the Illinois Institute of Technology (IIT) campus microgrid, pictured here, creating one of the first utility-operated microgrid clusters in the nation. Photo courtesy of the Galvin Center for Electricity Innovation at IIT.